

APPENDIX D

Attainment Demonstration Modeling Input Files

Appendix D. Attainment Demonstration Modeling Input Files

Total of 6 sub-grid input files included below.

Sub-grid 1

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**
**
*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 1 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
  CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
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SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59

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SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24
SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44
SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23
SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

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BACKGRND ANNUAL 13.0
BACKUNIT PPB
** Source Parameters **
**Buffer Sources

**Blue Valley with NG switch in Rule
SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764
SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764
SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574
**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764
**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764
**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574
SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down
**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2
**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD
**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192
**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616
**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144
SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192
SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368
SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below
**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914
**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152
**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2
**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152
**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1
**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152
**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152
SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914
SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152
SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2
SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152
SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1
SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152
SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536
SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914
**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184
**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672
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SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914
SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184
SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.761111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219

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SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384
SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384
SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651

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SO SRCPARAM PC1 0.000438371 5 1.1628 4.651
SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651
SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651
SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAUX 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528

Appendix D. Attainment Demonstration Modeling Input Files

**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528

**2010 Actuals below from KS to determine actual impact

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 0.93 -0.72 -2.34 -3.89 -6.13 -7.45
SO YBADJ VEP3 -8.54 -9.38 -9.93 -10.17 -10.11 -9.74
SO YBADJ VEP3 -9.08 -7.79 -6.75 -5.50 -4.09 -2.55
SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3
SO SRCGROUP BV BV3 BV4 BV5 BV9
SO SRCGROUP IATAN IATAN06 IATAN30
SO SRCGROUP HALL HALL1 HALL2
SO SRCGROUP RMC RMC1-RMC3
SO SRCGROUP HAWTH6 HAWTH6
SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901
SO SRCGROUP SIB5A SIB5A
SO SRCGROUP SIB5B SIB5B
SO SRCGROUP SIB5C SIB5C
**SO SRCGROUP MOCITY MOCITY5 MOCITY6
SO SRCGROUP NAGC NAGC3 NAGC4
**SO SRCGROUP ATTB ATT4
SO SRCGROUP CMH CMH1
SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11
SO SRCGROUP GAP GAP1
SO SRCGROUP SIMR SIMR1
SO SRCGROUP APAC APACKS3 APACKS4
SO SRCGROUP AUD AUD77
SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24
SO SRCGROUP FS FS07 FS10
SO SRCGROUP MPC MPC01 MPC02
SO SRCGROUP MKA MKA08 MKA09
**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12
SO SRCGROUP GM GM39 GM46 GM49
SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28
SO SRCGROUP LOL LOL5
SO SRCGROUP PC PC1
SO SRCGROUP MBB MBB29
SO SRCGROUP BMSI BMSI4
SO SRCGROUP SBAC SBAC05 SBAC06
SO SRCGROUP SR SR14
SO SRCGROUP CL CL2
SO SRCGROUP USPS USPS1
SO SRCGROUP A1 A11
SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111
SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2
SO SRCGROUP BMB BMB2 BMB3 BMB1
SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32
SO SRCGROUP ALC ALC3 ALC4
SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8
SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481
SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX
SO SRCGROUP GMKS GM4
SO SRCGROUP MC MC1 MC2
SO SRCGROUP MAC MAC2 MAC7
SO SRCGROUP SPRNT SPRNT4 SPRNT13

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCGROUP ARC ARCW9 ARCH9
SO SRCGROUP GK GK1
SO SRCGROUP ALL BACKGROUND

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

RE ELEVUNIT METERS

DISCCART	361026.00	4328970.30	227.59	227.59
DISCCART	361027.00	4329025.80	228.13	228.13
DISCCART	361028.70	4329125.80	229.23	229.23
DISCCART	361030.30	4329225.80	227.33	227.33
DISCCART	361032.00	4329325.80	227.42	227.42
DISCCART	361033.70	4329425.80	227.51	227.51
DISCCART	361035.40	4329525.80	227.58	227.58
DISCCART	361037.10	4329625.80	227.62	227.62
DISCCART	361038.70	4329725.70	228.38	228.38
DISCCART	361039.90	4330555.30	220.18	231.83
DISCCART	361040.40	4329825.70	228.85	228.85
DISCCART	361042.10	4329925.70	228.16	228.16
DISCCART	361043.80	4330025.70	227.94	227.94
DISCCART	361045.50	4330125.70	229.75	229.75
DISCCART	361047.10	4330225.70	229.62	229.62
DISCCART	361048.80	4330325.70	230.21	230.21
DISCCART	361050.50	4330425.60	229.39	229.39
DISCCART	361052.20	4330525.60	220.04	231.83
DISCCART	361052.50	4330544.60	220.00	231.77
DISCCART	361064.10	4329008.90	227.45	227.45
DISCCART	361064.10	4329108.90	229.31	229.31
DISCCART	361064.10	4329208.90	227.35	227.35
DISCCART	361064.10	4329308.90	227.22	227.22
DISCCART	361064.10	4329408.90	227.73	227.73
DISCCART	361064.10	4329508.90	227.79	227.79
DISCCART	361064.10	4329608.90	227.52	227.52
DISCCART	361064.10	4329708.90	227.91	227.91
DISCCART	361064.10	4329808.90	228.80	228.80
DISCCART	361064.10	4329908.90	228.21	228.21
DISCCART	361064.10	4330008.90	227.90	227.90
DISCCART	361064.10	4330108.90	229.91	229.91
DISCCART	361064.10	4330208.90	229.48	229.48
DISCCART	361064.10	4330308.90	229.96	229.96
DISCCART	361064.10	4330408.90	229.15	229.15
DISCCART	361064.10	4330508.90	220.10	231.83
DISCCART	361070.40	4328967.90	227.05	233.36
DISCCART	361091.50	4330516.60	220.70	230.09
DISCCART	361164.10	4329008.90	230.64	230.64
DISCCART	361164.10	4329108.90	228.35	228.35
DISCCART	361164.10	4329208.90	227.79	227.79
DISCCART	361164.10	4329308.90	227.17	227.17

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	361164.10	4329408.90	227.45	227.45
DISCCART	361164.10	4329508.90	227.56	227.56
DISCCART	361164.10	4329608.90	227.87	227.87
DISCCART	361164.10	4329708.90	227.73	227.73
DISCCART	361164.10	4329808.90	227.60	227.60
DISCCART	361164.10	4329908.90	227.51	227.51
DISCCART	361164.10	4330008.90	228.40	228.40
DISCCART	361164.10	4330108.90	229.54	229.54
DISCCART	361164.10	4330208.90	229.06	229.06
DISCCART	361164.10	4330308.90	228.98	228.98
DISCCART	361164.10	4330408.90	221.17	229.48
DISCCART	361166.90	4330460.10	220.87	220.87
DISCCART	361170.30	4328962.50	227.74	235.11
DISCCART	361171.50	4330456.60	220.89	220.89
DISCCART	361250.70	4330395.50	221.02	221.02
DISCCART	361264.10	4329008.90	228.67	228.67
DISCCART	361264.10	4329108.90	228.77	228.77
DISCCART	361264.10	4329208.90	228.26	228.26
DISCCART	361264.10	4329308.90	227.46	227.46
DISCCART	361264.10	4329408.90	227.22	227.22
DISCCART	361264.10	4329508.90	227.33	227.33
DISCCART	361264.10	4329608.90	227.46	227.46
DISCCART	361264.10	4329708.90	227.64	227.64
DISCCART	361264.10	4329808.90	228.22	228.22
DISCCART	361264.10	4329908.90	228.30	228.30
DISCCART	361264.10	4330008.90	229.11	229.11
DISCCART	361264.10	4330108.90	228.82	228.82
DISCCART	361264.10	4330208.90	228.93	228.93
DISCCART	361264.10	4330308.90	221.39	229.30
DISCCART	361270.10	4328957.10	228.60	228.60
DISCCART	361270.80	4328957.00	228.60	228.60
DISCCART	361329.80	4330334.40	220.75	220.75
DISCCART	361364.10	4329008.90	228.76	228.76
DISCCART	361364.10	4329108.90	228.66	228.66
DISCCART	361364.10	4329208.90	228.59	228.59
DISCCART	361364.10	4329308.90	227.92	227.92
DISCCART	361364.10	4329408.90	227.40	227.40
DISCCART	361364.10	4329508.90	227.61	227.61
DISCCART	361364.10	4329608.90	227.84	227.84
DISCCART	361364.10	4329708.90	227.94	227.94
DISCCART	361364.10	4329808.90	227.95	227.95
DISCCART	361364.10	4329908.90	226.51	226.51
DISCCART	361364.10	4330008.90	229.58	229.58
DISCCART	361364.10	4330108.90	228.84	228.84
DISCCART	361364.10	4330208.90	221.24	229.64
DISCCART	361368.00	4328936.60	228.82	228.82
DISCCART	361409.00	4330273.30	220.88	220.88
DISCCART	361444.70	4330245.80	221.22	221.22
DISCCART	361464.10	4329008.90	228.16	228.16
DISCCART	361464.10	4329108.90	228.14	228.14
DISCCART	361464.10	4329208.90	228.80	228.80
DISCCART	361464.10	4329308.90	228.28	228.28
DISCCART	361464.10	4329408.90	228.05	228.05
DISCCART	361464.10	4329508.90	228.04	228.04

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	361464.10	4329608.90	227.83	227.83
DISCCART	361464.10	4329708.90	228.04	228.04
DISCCART	361464.10	4329808.90	227.75	227.75
DISCCART	361464.10	4329908.90	228.43	228.43
DISCCART	361464.10	4330008.90	228.83	228.83
DISCCART	361464.10	4330108.90	226.97	226.97
DISCCART	361464.10	4330208.90	221.33	228.61
DISCCART	361465.80	4328916.00	228.15	228.15
DISCCART	361494.30	4330222.20	220.77	220.77
DISCCART	361522.10	4328904.10	228.11	289.48
DISCCART	361562.10	4328889.70	228.05	289.78
DISCCART	361564.10	4328908.90	228.12	289.78
DISCCART	361564.10	4329008.90	228.37	289.52
DISCCART	361564.10	4329108.90	227.97	288.08
DISCCART	361564.10	4329208.90	228.18	228.18
DISCCART	361564.10	4329308.90	228.65	228.65
DISCCART	361564.10	4329408.90	228.19	228.19
DISCCART	361564.10	4329508.90	228.25	228.25
DISCCART	361564.10	4329608.90	227.46	227.46
DISCCART	361564.10	4329708.90	227.39	227.39
DISCCART	361564.10	4329808.90	227.45	227.45
DISCCART	361564.10	4329908.90	228.66	228.66
DISCCART	361564.10	4330008.90	228.48	228.48
DISCCART	361564.10	4330108.90	224.36	228.80
DISCCART	361584.60	4330179.20	220.77	220.77
DISCCART	361611.40	4330166.40	220.61	228.53
DISCCART	361656.10	4328855.60	228.71	291.64
DISCCART	361664.10	4328908.90	228.64	291.54
DISCCART	361664.10	4329008.90	228.56	291.33
DISCCART	361664.10	4329108.90	228.20	289.78
DISCCART	361664.10	4329208.90	227.73	288.98
DISCCART	361664.10	4329308.90	228.07	283.57
DISCCART	361664.10	4329408.90	228.40	228.40
DISCCART	361664.10	4329508.90	228.46	228.46
DISCCART	361664.10	4329608.90	227.66	227.66
DISCCART	361664.10	4329708.90	228.30	228.30
DISCCART	361664.10	4329808.90	227.73	227.73
DISCCART	361664.10	4329908.90	228.51	228.51
DISCCART	361664.10	4330008.90	228.76	228.76
DISCCART	361664.10	4330108.90	221.67	229.15
DISCCART	361681.60	4330170.30	219.78	219.78
DISCCART	361750.10	4328821.60	229.33	291.64
DISCCART	361764.10	4328908.90	229.08	291.64
DISCCART	361764.10	4329008.90	228.90	291.64
DISCCART	361764.10	4329108.90	228.60	293.84
DISCCART	361764.10	4329208.90	228.43	293.84
DISCCART	361764.10	4329308.90	228.04	293.84
DISCCART	361764.10	4329408.90	228.33	293.84
DISCCART	361764.10	4329508.90	228.48	293.52
DISCCART	361764.10	4329608.90	228.11	289.73
DISCCART	361764.10	4329708.90	227.97	284.65
DISCCART	361764.10	4329808.90	228.46	228.46
DISCCART	361764.10	4329908.90	228.65	228.65
DISCCART	361764.10	4330008.90	228.20	228.20

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DISCCART	361764.10	4330108.90	221.56	221.56
DISCCART	361781.40	4330175.90	219.42	219.42
DISCCART	361844.10	4328787.50	229.05	291.64
DISCCART	361864.10	4328808.90	229.24	291.64
DISCCART	361864.10	4328908.90	228.38	293.84
DISCCART	361864.10	4329008.90	228.18	293.84
DISCCART	361864.10	4329108.90	228.28	293.84
DISCCART	361864.10	4329208.90	228.98	293.84
DISCCART	361864.10	4329308.90	228.66	293.84
DISCCART	361864.10	4329408.90	228.84	293.84
DISCCART	361864.10	4329508.90	228.42	293.84
DISCCART	361864.10	4329608.90	228.24	293.84
DISCCART	361864.10	4329708.90	227.89	293.52
DISCCART	361864.10	4329808.90	228.69	286.65
DISCCART	361864.10	4329908.90	228.45	285.01
DISCCART	361864.10	4330008.90	228.43	228.43
DISCCART	361864.10	4330108.90	220.45	223.39
DISCCART	361881.30	4330181.40	219.26	219.26
DISCCART	361897.20	4330182.30	219.24	219.24
DISCCART	361905.80	4328765.20	240.03	291.64
DISCCART	361939.10	4328756.40	249.00	291.64
DISCCART	361964.10	4328808.90	249.46	291.64
DISCCART	361964.10	4328908.90	237.36	293.84
DISCCART	361964.10	4329008.90	230.10	293.84
DISCCART	361964.10	4329108.90	229.26	293.84
DISCCART	361964.10	4329208.90	229.59	293.84
DISCCART	361964.10	4329308.90	228.88	293.84
DISCCART	361964.10	4329408.90	228.84	293.84
DISCCART	361964.10	4329508.90	231.59	293.84
DISCCART	361964.10	4329608.90	227.67	293.84
DISCCART	361964.10	4329708.90	228.28	293.84
DISCCART	361964.10	4329808.90	228.20	293.52
DISCCART	361964.10	4329908.90	228.75	287.11
DISCCART	361964.10	4330008.90	229.12	286.34
DISCCART	361964.10	4330108.90	220.26	286.65
DISCCART	361964.10	4330208.90	219.07	219.07
DISCCART	361975.10	4330213.80	219.07	219.07
DISCCART	362035.70	4328730.60	265.49	291.64
DISCCART	362064.10	4328808.90	286.77	287.87
DISCCART	362064.10	4328908.90	277.72	287.49
DISCCART	362064.10	4329008.90	264.16	289.78
DISCCART	362064.10	4329108.90	243.26	293.84
DISCCART	362064.10	4329208.90	232.05	293.84
DISCCART	362064.10	4329308.90	231.34	293.84
DISCCART	362064.10	4329408.90	229.94	293.84
DISCCART	362064.10	4329508.90	231.88	293.84
DISCCART	362064.10	4329608.90	228.38	293.84
DISCCART	362064.10	4329708.90	227.98	293.84
DISCCART	362064.10	4329808.90	228.22	293.84
DISCCART	362064.10	4329908.90	228.70	291.95
DISCCART	362064.10	4330008.90	229.10	287.11
DISCCART	362064.10	4330108.90	221.33	287.11
DISCCART	362064.10	4330208.90	219.77	285.01
DISCCART	362067.80	4330251.30	219.10	219.10

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DISCCART	362132.30	4328704.80	268.98	291.64
DISCCART	362160.50	4330288.90	218.78	218.78
DISCCART	362164.10	4328708.90	271.49	291.64
DISCCART	362164.10	4328808.90	288.01	288.01
DISCCART	362164.10	4328908.90	284.45	284.45
DISCCART	362164.10	4329008.90	279.70	281.51
DISCCART	362164.10	4329108.90	264.72	293.84
DISCCART	362164.10	4329208.90	263.87	293.84
DISCCART	362164.10	4329308.90	260.33	293.84
DISCCART	362164.10	4329408.90	248.30	293.84
DISCCART	362164.10	4329508.90	239.11	293.84
DISCCART	362164.10	4329608.90	229.17	293.84
DISCCART	362164.10	4329708.90	227.88	293.84
DISCCART	362164.10	4329808.90	228.94	293.84
DISCCART	362164.10	4329908.90	228.14	293.52
DISCCART	362164.10	4330008.90	229.55	288.77
DISCCART	362164.10	4330108.90	220.91	288.77
DISCCART	362164.10	4330208.90	219.43	286.65
DISCCART	362203.40	4328685.80	270.18	291.64
DISCCART	362229.80	4328684.60	270.06	291.64
DISCCART	362230.60	4330317.20	218.80	218.80
DISCCART	362252.30	4330328.40	218.80	218.80
DISCCART	362264.10	4328708.90	279.27	291.60
DISCCART	362264.10	4328808.90	285.76	291.24
DISCCART	362264.10	4328908.90	272.16	291.37
DISCCART	362264.10	4329008.90	275.08	284.33
DISCCART	362264.10	4329108.90	274.79	292.04
DISCCART	362264.10	4329208.90	285.68	285.68
DISCCART	362264.10	4329308.90	284.97	290.01
DISCCART	362264.10	4329408.90	282.53	289.14
DISCCART	362264.10	4329508.90	266.66	293.84
DISCCART	362264.10	4329608.90	260.13	293.52
DISCCART	362264.10	4329708.90	239.56	293.84
DISCCART	362264.10	4329808.90	229.63	293.84
DISCCART	362264.10	4329908.90	228.25	293.84
DISCCART	362264.10	4330008.90	228.98	289.80
DISCCART	362264.10	4330108.90	227.90	287.11
DISCCART	362264.10	4330208.90	219.95	287.11
DISCCART	362264.10	4330308.90	218.90	218.90
DISCCART	362329.70	4328679.80	269.33	291.64
DISCCART	362341.30	4330373.90	218.76	218.76
DISCCART	362364.10	4328708.90	276.27	291.37
DISCCART	362364.10	4328808.90	280.83	287.07
DISCCART	362364.10	4328908.90	284.79	284.79
DISCCART	362364.10	4329008.90	282.41	283.80
DISCCART	362364.10	4329108.90	280.53	289.67
DISCCART	362364.10	4329208.90	287.78	292.70
DISCCART	362364.10	4329308.90	293.18	293.18
DISCCART	362364.10	4329408.90	287.99	291.77
DISCCART	362364.10	4329508.90	280.49	289.24
DISCCART	362364.10	4329608.90	284.81	286.34
DISCCART	362364.10	4329708.90	271.47	286.65
DISCCART	362364.10	4329808.90	250.86	289.80
DISCCART	362364.10	4329908.90	239.39	291.74

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DISCCART	362364.10	4330008.90	229.13	291.74
DISCCART	362364.10	4330108.90	228.60	287.11
DISCCART	362364.10	4330208.90	220.31	287.11
DISCCART	362364.10	4330308.90	219.50	219.50
DISCCART	362429.60	4328675.10	267.48	291.60
DISCCART	362430.30	4330419.50	218.72	218.72
DISCCART	362464.10	4328708.90	278.90	285.25
DISCCART	362464.10	4328808.90	283.43	283.43
DISCCART	362464.10	4328908.90	285.23	285.23
DISCCART	362464.10	4329008.90	286.55	286.55
DISCCART	362464.10	4329108.90	286.54	287.21
DISCCART	362464.10	4329208.90	289.77	289.77
DISCCART	362464.10	4329308.90	288.37	291.38
DISCCART	362464.10	4329408.90	288.08	289.26
DISCCART	362464.10	4329508.90	284.15	287.64
DISCCART	362464.10	4329608.90	280.22	284.30
DISCCART	362464.10	4329708.90	273.27	284.16
DISCCART	362464.10	4329808.90	250.89	289.80
DISCCART	362464.10	4329908.90	246.26	287.11
DISCCART	362464.10	4330008.90	244.17	286.65
DISCCART	362464.10	4330108.90	229.41	287.11
DISCCART	362464.10	4330208.90	227.76	248.46
DISCCART	362464.10	4330308.90	220.02	248.46
DISCCART	362464.10	4330408.90	218.97	218.97
DISCCART	362519.30	4330465.10	218.79	218.79
DISCCART	362529.50	4328670.30	267.81	287.37
DISCCART	362556.00	4330483.90	218.61	218.61
DISCCART	362564.10	4328708.90	272.40	282.83
DISCCART	362564.10	4328808.90	279.19	280.39
DISCCART	362564.10	4328908.90	280.69	287.86
DISCCART	362564.10	4329008.90	287.10	287.81
DISCCART	362564.10	4329108.90	286.75	287.27
DISCCART	362564.10	4329208.90	287.33	287.33
DISCCART	362564.10	4329308.90	282.83	282.83
DISCCART	362564.10	4329408.90	279.89	280.98
DISCCART	362564.10	4329508.90	276.70	276.70
DISCCART	362564.10	4329608.90	270.71	287.11
DISCCART	362564.10	4329708.90	265.04	287.11
DISCCART	362564.10	4329808.90	253.89	287.11
DISCCART	362564.10	4329908.90	251.28	284.23
DISCCART	362564.10	4330008.90	247.01	251.86
DISCCART	362564.10	4330108.90	238.36	248.46
DISCCART	362564.10	4330208.90	229.53	249.15
DISCCART	362564.10	4330308.90	220.19	249.38
DISCCART	362564.10	4330408.90	219.61	249.15
DISCCART	362608.00	4330511.30	218.91	218.91
DISCCART	362629.30	4328665.60	270.34	279.51
DISCCART	362664.10	4328708.90	271.51	276.59
DISCCART	362664.10	4328808.90	275.24	275.24
DISCCART	362664.10	4328908.90	276.99	276.99
DISCCART	362664.10	4329008.90	280.60	280.60
DISCCART	362664.10	4329108.90	283.83	283.83
DISCCART	362664.10	4329208.90	284.12	284.12
DISCCART	362664.10	4329308.90	283.32	283.32

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DISCCART	362664.10	4329408.90	280.26	280.26
DISCCART	362664.10	4329508.90	274.96	274.96
DISCCART	362664.10	4329608.90	269.52	269.52
DISCCART	362664.10	4329708.90	263.44	263.44
DISCCART	362664.10	4329808.90	255.83	259.76
DISCCART	362664.10	4329908.90	251.56	251.56
DISCCART	362664.10	4330008.90	247.27	247.27
DISCCART	362664.10	4330108.90	243.70	243.70
DISCCART	362664.10	4330208.90	235.81	249.29
DISCCART	362664.10	4330308.90	228.56	249.47
DISCCART	362664.10	4330408.90	220.02	249.56
DISCCART	362664.10	4330508.90	219.18	249.13
DISCCART	362696.50	4330557.80	218.75	218.75
DISCCART	362729.20	4328660.80	268.28	281.88
DISCCART	362759.10	4328659.40	269.72	281.14
DISCCART	362764.10	4328708.90	269.48	273.40
DISCCART	362764.10	4328808.90	271.76	271.76
DISCCART	362764.10	4328908.90	275.60	275.60
DISCCART	362764.10	4329008.90	279.13	279.13
DISCCART	362764.10	4329108.90	282.48	282.48
DISCCART	362764.10	4329208.90	286.07	286.07
DISCCART	362764.10	4329308.90	282.00	282.00
DISCCART	362764.10	4329408.90	277.40	282.70
DISCCART	362764.10	4329508.90	273.20	273.20
DISCCART	362764.10	4329608.90	268.24	268.24
DISCCART	362764.10	4329708.90	262.88	262.88
DISCCART	362764.10	4329808.90	257.35	257.98
DISCCART	362764.10	4329908.90	252.09	252.09
DISCCART	362764.10	4330008.90	250.67	250.67
DISCCART	362764.10	4330108.90	249.07	249.07
DISCCART	362764.10	4330208.90	249.05	249.05
DISCCART	362764.10	4330308.90	231.78	253.22
DISCCART	362764.10	4330408.90	219.97	256.57
DISCCART	362764.10	4330508.90	219.64	249.56
DISCCART	362785.00	4330604.40	218.80	218.80
DISCCART	362829.10	4328655.30	270.67	270.67
DISCCART	362864.10	4328708.90	270.41	270.41
DISCCART	362864.10	4328808.90	269.47	269.47
DISCCART	362864.10	4328908.90	274.84	274.84
DISCCART	362864.10	4329008.90	279.12	282.08
DISCCART	362864.10	4329108.90	282.55	282.55
DISCCART	362864.10	4329208.90	280.87	280.87
DISCCART	362864.10	4329308.90	276.50	276.50
DISCCART	362864.10	4329408.90	270.31	282.70
DISCCART	362864.10	4329508.90	269.26	269.26
DISCCART	362864.10	4329608.90	266.02	266.02
DISCCART	362864.10	4329708.90	261.80	261.80
DISCCART	362864.10	4329808.90	253.85	263.23
DISCCART	362864.10	4329908.90	255.56	255.56
DISCCART	362864.10	4330008.90	254.29	254.29
DISCCART	362864.10	4330108.90	252.31	252.31
DISCCART	362864.10	4330208.90	249.38	249.38
DISCCART	362864.10	4330308.90	247.23	248.81
DISCCART	362864.10	4330408.90	228.49	251.59

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DISCCART	362864.10	4330508.90	219.87	250.25
DISCCART	362864.10	4330608.90	219.34	249.49
DISCCART	362873.50	4330650.90	218.89	218.89
DISCCART	362928.90	4328649.40	262.57	279.70
DISCCART	362962.00	4330697.50	218.91	218.91
DISCCART	362964.10	4328708.90	263.72	263.72
DISCCART	362964.10	4328808.90	265.67	265.67
DISCCART	362964.10	4328908.90	271.42	272.77
DISCCART	362964.10	4329008.90	275.68	275.68
DISCCART	362964.10	4329108.90	274.33	281.52
DISCCART	362964.10	4329208.90	275.85	275.85
DISCCART	362964.10	4329308.90	270.55	270.55
DISCCART	362964.10	4329408.90	266.75	266.75
DISCCART	362964.10	4329508.90	262.73	269.06
DISCCART	362964.10	4329608.90	261.16	261.16
DISCCART	362964.10	4329708.90	258.84	260.70
DISCCART	362964.10	4329808.90	251.99	263.35
DISCCART	362964.10	4329908.90	257.48	257.48
DISCCART	362964.10	4330008.90	256.15	256.15
DISCCART	362964.10	4330108.90	255.94	255.94
DISCCART	362964.10	4330208.90	250.87	250.87
DISCCART	362964.10	4330308.90	243.29	249.61
DISCCART	362964.10	4330408.90	232.32	253.31
DISCCART	362964.10	4330508.90	221.07	254.10
DISCCART	362964.10	4330608.90	219.82	249.49
DISCCART	363028.70	4328643.50	260.57	276.36
DISCCART	363050.50	4330744.00	218.76	218.76
DISCCART	363059.70	4330748.80	218.79	218.79
DISCCART	363064.10	4328708.90	259.92	264.24
DISCCART	363064.10	4328808.90	261.72	261.72
DISCCART	363064.10	4328908.90	266.27	266.27
DISCCART	363064.10	4329008.90	270.24	270.24
DISCCART	363064.10	4329108.90	271.47	271.47
DISCCART	363064.10	4329208.90	267.18	274.79
DISCCART	363064.10	4329308.90	264.83	264.83
DISCCART	363064.10	4329408.90	261.73	261.73
DISCCART	363064.10	4329508.90	260.36	261.47
DISCCART	363064.10	4329608.90	258.39	259.33
DISCCART	363064.10	4329708.90	254.30	254.30
DISCCART	363064.10	4329808.90	249.96	257.97
DISCCART	363064.10	4329908.90	252.97	252.97
DISCCART	363064.10	4330008.90	253.50	256.52
DISCCART	363064.10	4330108.90	254.27	254.27
DISCCART	363064.10	4330208.90	252.44	252.44
DISCCART	363064.10	4330308.90	246.15	246.15
DISCCART	363064.10	4330408.90	236.15	247.62
DISCCART	363064.10	4330508.90	228.01	247.24
DISCCART	363064.10	4330608.90	220.32	246.07
DISCCART	363064.10	4330708.90	219.21	219.21
DISCCART	363128.60	4328637.70	257.25	257.25
DISCCART	363139.00	4330790.70	219.00	219.00
DISCCART	363164.10	4328708.90	257.00	259.48
DISCCART	363164.10	4328808.90	260.00	265.59
DISCCART	363164.10	4328908.90	262.03	265.77

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DISCCART	363164.10	4329008.90	260.49	271.81
DISCCART	363164.10	4329108.90	268.40	268.40
DISCCART	363164.10	4329208.90	267.37	267.37
DISCCART	363164.10	4329308.90	265.70	269.33
DISCCART	363164.10	4329408.90	264.18	269.89
DISCCART	363164.10	4329508.90	263.22	269.82
DISCCART	363164.10	4329608.90	262.60	269.58
DISCCART	363164.10	4329708.90	257.01	267.05
DISCCART	363164.10	4329808.90	250.64	265.48
DISCCART	363164.10	4329908.90	246.64	252.76
DISCCART	363164.10	4330008.90	246.81	246.81
DISCCART	363164.10	4330108.90	250.32	250.32
DISCCART	363164.10	4330208.90	251.61	253.51
DISCCART	363164.10	4330308.90	247.40	247.40
DISCCART	363164.10	4330408.90	243.53	245.26
DISCCART	363164.10	4330508.90	230.28	247.45
DISCCART	363164.10	4330608.90	220.21	247.45
DISCCART	363164.10	4330708.90	219.50	219.50
DISCCART	363208.90	4328632.90	257.15	257.15
DISCCART	363227.50	4330837.30	218.87	218.87
DISCCART	363228.40	4328632.00	257.99	257.99
DISCCART	363264.10	4328708.90	260.77	260.77
DISCCART	363264.10	4328808.90	261.40	261.40
DISCCART	363264.10	4328908.90	263.59	263.59
DISCCART	363264.10	4329008.90	267.58	267.58
DISCCART	363264.10	4329108.90	270.33	270.33
DISCCART	363264.10	4329208.90	271.77	271.77
DISCCART	363264.10	4329308.90	273.07	276.17
DISCCART	363264.10	4329408.90	272.88	277.14
DISCCART	363264.10	4329508.90	271.64	276.49
DISCCART	363264.10	4329608.90	269.34	273.33
DISCCART	363264.10	4329708.90	264.20	264.20
DISCCART	363264.10	4329808.90	251.08	279.45
DISCCART	363264.10	4329908.90	253.78	253.78
DISCCART	363264.10	4330008.90	249.06	249.06
DISCCART	363264.10	4330108.90	247.38	247.38
DISCCART	363264.10	4330208.90	245.39	248.26
DISCCART	363264.10	4330308.90	243.66	247.15
DISCCART	363264.10	4330408.90	244.46	246.17
DISCCART	363264.10	4330508.90	230.92	246.17
DISCCART	363264.10	4330608.90	224.85	245.87
DISCCART	363264.10	4330708.90	219.74	229.94
DISCCART	363264.10	4330808.90	219.48	219.48
DISCCART	363315.90	4330884.00	218.90	218.90
DISCCART	363328.30	4328627.10	260.63	260.63
DISCCART	363364.10	4328708.90	259.21	259.21
DISCCART	363364.10	4328808.90	259.19	271.95
DISCCART	363364.10	4328908.90	266.85	267.67
DISCCART	363364.10	4329008.90	269.85	269.85
DISCCART	363364.10	4329108.90	273.62	273.62
DISCCART	363364.10	4329208.90	276.47	276.47
DISCCART	363364.10	4329308.90	278.89	278.89
DISCCART	363364.10	4329408.90	278.51	279.78
DISCCART	363364.10	4329508.90	278.56	278.56

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	363364.10	4329608.90	271.75	280.20
DISCCART	363364.10	4329708.90	265.61	265.61
DISCCART	363364.10	4329808.90	251.97	280.65
DISCCART	363364.10	4329908.90	253.56	253.56
DISCCART	363364.10	4330008.90	249.75	249.75
DISCCART	363364.10	4330108.90	246.76	246.76
DISCCART	363364.10	4330208.90	244.17	244.17
DISCCART	363364.10	4330308.90	241.67	241.67
DISCCART	363364.10	4330408.90	235.44	246.17
DISCCART	363364.10	4330508.90	230.83	246.17
DISCCART	363364.10	4330608.90	231.09	231.09
DISCCART	363364.10	4330708.90	219.43	231.86
DISCCART	363364.10	4330808.90	219.74	219.74
DISCCART	363364.10	4330908.90	218.73	218.73
DISCCART	363404.40	4330930.60	218.77	218.77
DISCCART	363428.10	4328622.10	263.18	263.18
DISCCART	363464.10	4328708.90	266.99	267.51
DISCCART	363464.10	4328808.90	268.59	271.95
DISCCART	363464.10	4328908.90	271.10	271.59
DISCCART	363464.10	4329008.90	272.74	272.74
DISCCART	363464.10	4329108.90	275.95	275.95
DISCCART	363464.10	4329208.90	279.76	279.76
DISCCART	363464.10	4329308.90	282.34	282.34
DISCCART	363464.10	4329408.90	283.77	283.77
DISCCART	363464.10	4329508.90	281.36	281.36
DISCCART	363464.10	4329608.90	275.57	276.66
DISCCART	363464.10	4329708.90	266.54	268.21
DISCCART	363464.10	4329808.90	253.41	285.47
DISCCART	363464.10	4329908.90	254.92	254.92
DISCCART	363464.10	4330008.90	253.68	253.68
DISCCART	363464.10	4330108.90	251.09	251.09
DISCCART	363464.10	4330208.90	246.77	248.87
DISCCART	363464.10	4330308.90	242.90	247.43
DISCCART	363464.10	4330408.90	232.56	254.44
DISCCART	363464.10	4330508.90	231.49	232.04
DISCCART	363464.10	4330608.90	230.57	230.57
DISCCART	363464.10	4330708.90	231.41	231.41
DISCCART	363464.10	4330808.90	219.84	236.72
DISCCART	363464.10	4330908.90	219.38	219.38
DISCCART	363492.80	4330977.30	218.87	218.87
DISCCART	363528.00	4328617.20	264.82	264.82
DISCCART	363564.10	4328708.90	268.16	268.16
DISCCART	363564.10	4328808.90	272.06	272.06
DISCCART	363564.10	4328908.90	274.73	274.73
DISCCART	363564.10	4329008.90	276.62	276.62
DISCCART	363564.10	4329108.90	281.19	281.19
DISCCART	363564.10	4329208.90	281.21	287.36
DISCCART	363564.10	4329308.90	287.29	287.29
DISCCART	363564.10	4329408.90	289.22	289.22
DISCCART	363564.10	4329508.90	284.21	284.21
DISCCART	363564.10	4329608.90	276.07	285.01
DISCCART	363564.10	4329708.90	267.41	285.01
DISCCART	363564.10	4329808.90	255.42	286.64
DISCCART	363564.10	4329908.90	259.21	259.21

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	363564.10	4330008.90	253.15	259.70
DISCCART	363564.10	4330108.90	252.35	252.35
DISCCART	363564.10	4330208.90	249.35	255.50
DISCCART	363564.10	4330308.90	247.52	247.52
DISCCART	363564.10	4330408.90	240.19	248.39
DISCCART	363564.10	4330508.90	231.51	231.51
DISCCART	363564.10	4330608.90	230.26	230.26
DISCCART	363564.10	4330708.90	232.79	232.79
DISCCART	363564.10	4330808.90	225.77	236.72
DISCCART	363564.10	4330908.90	219.67	236.72
DISCCART	363564.10	4331008.90	218.97	218.97
DISCCART	363581.30	4331023.90	218.81	218.81
DISCCART	363612.30	4328613.10	256.69	268.63
DISCCART	363627.80	4328614.60	256.61	268.38
DISCCART	363664.10	4328708.90	265.26	265.26
DISCCART	363664.10	4328808.90	269.55	272.47
DISCCART	363664.10	4328908.90	272.34	276.67
DISCCART	363664.10	4329008.90	277.02	277.02
DISCCART	363664.10	4329108.90	281.08	281.08
DISCCART	363664.10	4329208.90	284.45	284.45
DISCCART	363664.10	4329308.90	286.87	286.87
DISCCART	363664.10	4329408.90	290.59	290.59
DISCCART	363664.10	4329508.90	285.76	285.76
DISCCART	363664.10	4329608.90	277.49	284.74
DISCCART	363664.10	4329708.90	269.41	274.85
DISCCART	363664.10	4329808.90	257.19	285.26
DISCCART	363664.10	4329908.90	263.16	263.16
DISCCART	363664.10	4330008.90	260.42	260.42
DISCCART	363664.10	4330108.90	250.11	260.72
DISCCART	363664.10	4330208.90	248.19	256.71
DISCCART	363664.10	4330308.90	246.63	254.94
DISCCART	363664.10	4330408.90	238.59	249.21
DISCCART	363664.10	4330508.90	231.67	249.60
DISCCART	363664.10	4330608.90	229.89	229.89
DISCCART	363664.10	4330708.90	231.32	236.80
DISCCART	363664.10	4330808.90	231.55	233.41
DISCCART	363664.10	4330908.90	219.42	234.72
DISCCART	363664.10	4331008.90	219.39	219.39
DISCCART	363669.70	4331070.60	219.04	219.04
DISCCART	363727.40	4328624.60	255.63	265.03
DISCCART	363758.20	4331117.20	219.00	219.00
DISCCART	363764.10	4328708.90	262.32	267.04
DISCCART	363764.10	4328808.90	268.69	271.90
DISCCART	363764.10	4328908.90	271.40	271.40
DISCCART	363764.10	4329008.90	273.18	276.48
DISCCART	363764.10	4329108.90	277.83	277.83
DISCCART	363764.10	4329208.90	280.72	280.72
DISCCART	363764.10	4329308.90	284.44	284.44
DISCCART	363764.10	4329408.90	287.02	287.02
DISCCART	363764.10	4329508.90	284.36	289.32
DISCCART	363764.10	4329608.90	275.89	283.40
DISCCART	363764.10	4329708.90	265.26	289.29
DISCCART	363764.10	4329808.90	261.82	266.84
DISCCART	363764.10	4329908.90	257.92	266.84

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	363764.10	4330008.90	257.25	259.11
DISCCART	363764.10	4330108.90	252.21	252.21
DISCCART	363764.10	4330208.90	250.22	254.16
DISCCART	363764.10	4330308.90	247.81	247.81
DISCCART	363764.10	4330408.90	246.06	249.58
DISCCART	363764.10	4330508.90	231.36	250.55
DISCCART	363764.10	4330608.90	229.58	229.58
DISCCART	363764.10	4330708.90	231.70	234.10
DISCCART	363764.10	4330808.90	232.16	232.16
DISCCART	363764.10	4330908.90	227.63	233.26
DISCCART	363764.10	4331008.90	219.83	231.24
DISCCART	363764.10	4331108.90	219.10	219.10
DISCCART	363782.00	4331129.80	218.89	218.89
DISCCART	363826.90	4328634.50	256.49	262.26
DISCCART	363846.00	4331165.10	218.82	218.82
DISCCART	363864.10	4328708.90	257.71	269.02
DISCCART	363864.10	4328808.90	265.67	265.67
DISCCART	363864.10	4328908.90	268.32	268.32
DISCCART	363864.10	4329008.90	270.73	270.73
DISCCART	363864.10	4329108.90	275.22	275.22
DISCCART	363864.10	4329208.90	282.25	282.25
DISCCART	363864.10	4329308.90	285.69	285.69
DISCCART	363864.10	4329408.90	284.20	284.20
DISCCART	363864.10	4329508.90	279.81	279.81
DISCCART	363864.10	4329608.90	273.59	282.71
DISCCART	363864.10	4329708.90	266.14	280.11
DISCCART	363864.10	4329808.90	263.79	267.40
DISCCART	363864.10	4329908.90	258.25	258.25
DISCCART	363864.10	4330008.90	256.21	256.21
DISCCART	363864.10	4330108.90	253.53	253.53
DISCCART	363864.10	4330208.90	252.40	252.40
DISCCART	363864.10	4330308.90	250.42	250.42
DISCCART	363864.10	4330408.90	249.37	250.55
DISCCART	363864.10	4330508.90	233.26	251.68
DISCCART	363864.10	4330608.90	229.00	250.55
DISCCART	363864.10	4330708.90	229.68	236.16
DISCCART	363864.10	4330808.90	232.22	232.22
DISCCART	363864.10	4330908.90	231.31	231.31
DISCCART	363864.10	4331008.90	219.48	232.70
DISCCART	363864.10	4331108.90	219.46	219.46
DISCCART	363926.40	4328644.50	258.84	262.08
DISCCART	363933.60	4331213.30	218.92	218.92
DISCCART	363943.10	4328646.20	258.81	263.28
DISCCART	363964.10	4328708.90	260.20	267.12
DISCCART	363964.10	4328808.90	262.54	276.99
DISCCART	363964.10	4328908.90	266.61	280.01
DISCCART	363964.10	4329008.90	271.23	283.34
DISCCART	363964.10	4329108.90	276.36	283.85
DISCCART	363964.10	4329208.90	282.44	287.02
DISCCART	363964.10	4329308.90	287.03	287.03
DISCCART	363964.10	4329408.90	284.52	284.52
DISCCART	363964.10	4329508.90	279.99	282.66
DISCCART	363964.10	4329608.90	275.07	275.07
DISCCART	363964.10	4329708.90	271.49	271.49

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	363964.10	4329808.90	260.88	275.18
DISCCART	363964.10	4329908.90	257.41	257.41
DISCCART	363964.10	4330008.90	255.42	255.42
DISCCART	363964.10	4330108.90	252.03	252.03
DISCCART	363964.10	4330208.90	250.19	250.19
DISCCART	363964.10	4330308.90	249.65	249.65
DISCCART	363964.10	4330408.90	234.21	252.31
DISCCART	363964.10	4330508.90	231.07	251.68
DISCCART	363964.10	4330608.90	228.75	228.75
DISCCART	363964.10	4330708.90	228.91	231.69
DISCCART	363964.10	4330808.90	234.87	234.87
DISCCART	363964.10	4330908.90	232.55	232.55
DISCCART	363964.10	4331008.90	228.87	228.87
DISCCART	363964.10	4331108.90	219.80	231.24
DISCCART	363964.10	4331208.90	219.00	219.00
DISCCART	364021.20	4331261.50	218.80	218.80
DISCCART	364026.00	4328639.10	257.52	267.12
DISCCART	364064.10	4328708.90	262.85	267.12
DISCCART	364064.10	4328808.90	260.64	279.19
DISCCART	364064.10	4328908.90	276.14	277.10
DISCCART	364064.10	4329008.90	273.64	281.96
DISCCART	364064.10	4329108.90	279.75	279.75
DISCCART	364064.10	4329208.90	286.14	288.02
DISCCART	364064.10	4329308.90	290.17	290.17
DISCCART	364064.10	4329408.90	278.92	295.44
DISCCART	364064.10	4329508.90	272.85	296.23
DISCCART	364064.10	4329608.90	271.13	296.23
DISCCART	364064.10	4329708.90	270.10	275.40
DISCCART	364064.10	4329808.90	263.81	273.20
DISCCART	364064.10	4329908.90	258.43	263.08
DISCCART	364064.10	4330008.90	253.60	255.87
DISCCART	364064.10	4330108.90	249.10	249.10
DISCCART	364064.10	4330208.90	246.82	246.82
DISCCART	364064.10	4330308.90	245.55	245.55
DISCCART	364064.10	4330408.90	240.46	249.45
DISCCART	364064.10	4330508.90	233.04	253.72
DISCCART	364064.10	4330608.90	228.66	228.66
DISCCART	364064.10	4330708.90	228.62	228.62
DISCCART	364064.10	4330808.90	231.61	231.61
DISCCART	364064.10	4330908.90	234.01	234.01
DISCCART	364064.10	4331008.90	231.92	231.92
DISCCART	364064.10	4331108.90	219.48	233.87
DISCCART	364064.10	4331208.90	219.45	219.45
DISCCART	364108.80	4331309.80	218.99	218.99
DISCCART	364125.60	4328630.50	260.78	260.78
DISCCART	364164.10	4328708.90	263.03	267.65
DISCCART	364164.10	4328808.90	268.27	277.69
DISCCART	364164.10	4328908.90	271.75	278.84
DISCCART	364164.10	4329008.90	275.27	277.54
DISCCART	364164.10	4329108.90	280.02	284.43
DISCCART	364164.10	4329208.90	287.20	287.20
DISCCART	364164.10	4329308.90	292.26	292.26
DISCCART	364164.10	4329408.90	293.36	293.36
DISCCART	364164.10	4329508.90	289.96	290.41

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	364164.10	4329608.90	272.56	296.23
DISCCART	364164.10	4329708.90	262.32	296.23
DISCCART	364164.10	4329808.90	265.10	292.25
DISCCART	364164.10	4329908.90	258.81	291.71
DISCCART	364164.10	4330008.90	252.67	252.67
DISCCART	364164.10	4330108.90	250.29	250.72
DISCCART	364164.10	4330208.90	251.02	258.57
DISCCART	364164.10	4330308.90	247.14	258.11
DISCCART	364164.10	4330408.90	239.01	255.51
DISCCART	364164.10	4330508.90	230.61	255.55
DISCCART	364164.10	4330608.90	228.34	254.52
DISCCART	364164.10	4330708.90	229.95	229.95
DISCCART	364164.10	4330808.90	232.74	232.74
DISCCART	364164.10	4330908.90	234.08	234.08
DISCCART	364164.10	4331008.90	232.96	232.96
DISCCART	364164.10	4331108.90	229.42	229.42
DISCCART	364164.10	4331208.90	219.87	231.00
DISCCART	364164.10	4331308.90	219.20	219.20
DISCCART	364196.40	4331358.00	218.84	218.84
DISCCART	364225.20	4328622.00	259.89	267.96
DISCCART	364264.10	4328708.90	263.52	267.30
DISCCART	364264.10	4328808.90	268.38	268.38
DISCCART	364264.10	4328908.90	273.92	273.92
DISCCART	364264.10	4329008.90	279.14	279.14
DISCCART	364264.10	4329108.90	283.47	284.15
DISCCART	364264.10	4329208.90	286.02	286.02
DISCCART	364264.10	4329308.90	289.87	289.87
DISCCART	364264.10	4329408.90	294.89	294.89
DISCCART	364264.10	4329508.90	293.55	293.55
DISCCART	364264.10	4329608.90	288.72	288.72
DISCCART	364264.10	4329708.90	277.00	293.78
DISCCART	364264.10	4329808.90	260.13	295.22
DISCCART	364264.10	4329908.90	256.11	294.24
DISCCART	364264.10	4330008.90	256.80	260.52
DISCCART	364264.10	4330108.90	257.36	262.01
DISCCART	364264.10	4330208.90	256.13	258.12
DISCCART	364264.10	4330308.90	255.41	255.41
DISCCART	364264.10	4330408.90	253.85	253.85
DISCCART	364264.10	4330508.90	232.20	255.55
DISCCART	364264.10	4330608.90	227.97	255.38
DISCCART	364264.10	4330708.90	227.89	227.89
DISCCART	364264.10	4330808.90	231.76	231.76
DISCCART	364264.10	4330908.90	232.69	232.69
DISCCART	364264.10	4331008.90	231.81	231.81
DISCCART	364264.10	4331108.90	231.92	233.14
DISCCART	364264.10	4331208.90	219.43	233.34
DISCCART	364264.10	4331308.90	219.53	219.53
DISCCART	364284.00	4331406.30	218.81	218.81
DISCCART	364324.90	4328613.40	266.26	266.26
DISCCART	364329.70	4331431.40	218.82	218.82
DISCCART	364364.10	4328708.90	263.34	263.34
DISCCART	364364.10	4328808.90	266.79	266.79
DISCCART	364364.10	4328908.90	273.38	274.55
DISCCART	364364.10	4329008.90	280.41	283.20

Appendix D. Attainment Demonstration Modeling Input Files

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DISCCART 364364.10 4329108.90 288.32 288.32
DISCCART 364364.10 4329208.90 290.13 290.13
DISCCART 364364.10 4329308.90 291.79 291.79
DISCCART 364364.10 4329408.90 292.16 292.64
DISCCART 364364.10 4329508.90 291.92 291.92
DISCCART 364364.10 4329608.90 285.84 294.05
DISCCART 364364.10 4329708.90 284.30 284.88
DISCCART 364364.10 4329808.90 270.69 291.92
DISCCART 364364.10 4329908.90 259.26 292.21
DISCCART 364364.10 4330008.90 264.38 264.38
DISCCART 364364.10 4330108.90 259.11 264.62
RE FINISHED
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*****
** AERMOD Meteorology Pathway
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**
**
ME STARTING
SURFFILE KCTOP08-12.SFC
PROFFILE KCTOP08-12.PFL
SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60
UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT
PROFBASE 231.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
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**
OU STARTING
RECTABLE ALLAVE 4-25
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID1.DAT
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG1.PLT
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG1.PLT
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUNG1.PLT
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG1.PLT
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G1.PLT
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG1.PLT
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G1.PLT
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G1.PLT
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG1.PLT
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG1.PLT
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG1.PLT
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG1.PLT
**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G1.PLT
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G1.PLT
**OU PLOTFILE 1 BV9 4TH 01H4GCBV9G1.PLT
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG1.PLT
OU FINISHED
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Sub-grid 2

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*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 2 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
```

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59
SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24
SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23
SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

BACKGRND ANNUAL 13.0

BACKUNIT PPB

Appendix D. Attainment Demonstration Modeling Input Files

** Source Parameters **

**Buffer Sources

**Blue Valley with NG switch in Rule

SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764

SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764

SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574

**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764

**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764

**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574

SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down

**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2

**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD

**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192

**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616

**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192

SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368

SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below

**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914

**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152

**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2

**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152

**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1

**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152

**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152

SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914

SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152

SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2

SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152

SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1

SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152

SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536

SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914

**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184

**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672

SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914

SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.761111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219
SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384
SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651
SO SRCPARAM PC1 0.000438371 5 1.1628 4.651
SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651
SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAUX 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528
**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528

Appendix D. Attainment Demonstration Modeling Input Files

**2010 Actuals below from KS to determine actual impact

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55
SO YBADJ VEP3	0.93	-0.72	-2.34	-3.89	-6.13	-7.45
SO YBADJ VEP3	-8.54	-9.38	-9.93	-10.17	-10.11	-9.74

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 -9.08 -7.79 -6.75 -5.50 -4.09 -2.55
SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3
SO SRCGROUP BV BV3 BV4 BV5 BV9
SO SRCGROUP IATAN IATAN06 IATAN30
SO SRCGROUP HALL HALL1 HALL2
SO SRCGROUP RMC RMC1-RMC3
SO SRCGROUP HAWTH6 HAWTH6
SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901
SO SRCGROUP SIB5A SIB5A
SO SRCGROUP SIB5B SIB5B
SO SRCGROUP SIB5C SIB5C
**SO SRCGROUP MOCITY MOCITY5 MOCITY6
SO SRCGROUP NAGC NAGC3 NAGC4
**SO SRCGROUP ATTB ATT4
SO SRCGROUP CMH CMH1
SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11
SO SRCGROUP GAP GAP1
SO SRCGROUP SIMR SIMR1
SO SRCGROUP APAC APACKS3 APACKS4
SO SRCGROUP AUD AUD77
SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24
SO SRCGROUP FS FS07 FS10
SO SRCGROUP MPC MPC01 MPC02
SO SRCGROUP MKA MKA08 MKA09
**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12
SO SRCGROUP GM GM39 GM46 GM49
SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28
SO SRCGROUP LOL LOL5
SO SRCGROUP PC PC1
SO SRCGROUP MBB MBB29
SO SRCGROUP BMSI BMSI4
SO SRCGROUP SBAC SBAC05 SBAC06
SO SRCGROUP SR SR14
SO SRCGROUP CL CL2
SO SRCGROUP USPS USPS1
SO SRCGROUP A1 A11
SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111
SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2
SO SRCGROUP BMB BMB2 BMB3 BMB1
SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32
SO SRCGROUP ALC ALC3 ALC4
SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8
SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481
SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX
SO SRCGROUP GMKS GM4
SO SRCGROUP MC MC1 MC2
SO SRCGROUP MAC MAC2 MAC7
SO SRCGROUP SPRNT SPRNT4 SPRNT13
SO SRCGROUP ARC ARCW9 ARCH9
SO SRCGROUP GK GK1

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCGROUP ALL BACKGROUND

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

RE ELEVUNIT METERS

DISCCART	364364.10	4330208.90	255.93	255.93
DISCCART	364364.10	4330308.90	254.35	254.35
DISCCART	364364.10	4330408.90	248.86	249.23
DISCCART	364364.10	4330508.90	238.05	254.52
DISCCART	364364.10	4330608.90	228.07	255.20
DISCCART	364364.10	4330708.90	227.95	227.95
DISCCART	364364.10	4330808.90	228.48	228.48
DISCCART	364364.10	4330908.90	232.57	232.57
DISCCART	364364.10	4331008.90	232.10	232.10
DISCCART	364364.10	4331108.90	230.02	230.02
DISCCART	364364.10	4331208.90	229.65	231.15
DISCCART	364364.10	4331308.90	219.95	231.17
DISCCART	364364.10	4331408.90	219.29	219.29
DISCCART	364372.30	4331453.10	218.85	218.85
DISCCART	364406.10	4328606.50	264.65	264.65
DISCCART	364424.60	4328606.20	264.22	264.22
DISCCART	364461.40	4331498.50	218.85	218.85
DISCCART	364464.10	4328608.90	263.44	263.44
DISCCART	364464.10	4328708.90	263.15	263.15
DISCCART	364464.10	4328808.90	267.54	267.54
DISCCART	364464.10	4328908.90	272.28	272.28
DISCCART	364464.10	4329008.90	278.55	284.00
DISCCART	364464.10	4329108.90	285.19	285.19
DISCCART	364464.10	4329208.90	289.13	289.13
DISCCART	364464.10	4329308.90	290.09	290.09
DISCCART	364464.10	4329408.90	288.23	288.23
DISCCART	364464.10	4329508.90	288.29	288.29
DISCCART	364464.10	4329608.90	285.70	286.45
DISCCART	364464.10	4329708.90	281.16	281.16
DISCCART	364464.10	4329808.90	275.00	275.00
DISCCART	364464.10	4329908.90	272.56	277.01
DISCCART	364464.10	4330008.90	263.12	277.53
DISCCART	364464.10	4330108.90	256.81	277.19
DISCCART	364464.10	4330208.90	253.24	261.55
DISCCART	364464.10	4330308.90	250.07	250.07
DISCCART	364464.10	4330408.90	245.07	245.07
DISCCART	364464.10	4330508.90	240.84	240.84
DISCCART	364464.10	4330608.90	228.22	285.94
DISCCART	364464.10	4330708.90	227.51	283.94
DISCCART	364464.10	4330808.90	226.48	226.48
DISCCART	364464.10	4330908.90	229.55	229.55
DISCCART	364464.10	4331008.90	230.57	230.57
DISCCART	364464.10	4331108.90	230.61	230.61

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	364464.10	4331208.90	229.84	231.40
DISCCART	364464.10	4331308.90	219.98	231.66
DISCCART	364464.10	4331408.90	219.63	219.63
DISCCART	364524.60	4328604.90	262.24	262.24
DISCCART	364550.50	4331543.80	218.84	218.84
DISCCART	364564.10	4328608.90	261.57	261.57
DISCCART	364564.10	4328708.90	263.44	263.44
DISCCART	364564.10	4328808.90	265.25	265.25
DISCCART	364564.10	4328908.90	270.00	270.00
DISCCART	364564.10	4329008.90	273.80	279.17
DISCCART	364564.10	4329108.90	277.62	286.03
DISCCART	364564.10	4329208.90	284.85	284.85
DISCCART	364564.10	4329308.90	287.55	287.55
DISCCART	364564.10	4329408.90	287.23	287.23
DISCCART	364564.10	4329508.90	285.83	285.83
DISCCART	364564.10	4329608.90	283.45	285.68
DISCCART	364564.10	4329708.90	281.94	281.94
DISCCART	364564.10	4329808.90	276.69	276.69
DISCCART	364564.10	4329908.90	276.90	276.90
DISCCART	364564.10	4330008.90	267.80	277.42
DISCCART	364564.10	4330108.90	262.29	262.29
DISCCART	364564.10	4330208.90	253.11	285.94
DISCCART	364564.10	4330308.90	246.41	290.60
DISCCART	364564.10	4330408.90	241.11	290.30
DISCCART	364564.10	4330508.90	238.14	289.28
DISCCART	364564.10	4330608.90	228.57	294.32
DISCCART	364564.10	4330708.90	227.85	286.57
DISCCART	364564.10	4330808.90	227.76	227.76
DISCCART	364564.10	4330908.90	228.06	228.06
DISCCART	364564.10	4331008.90	230.91	230.91
DISCCART	364564.10	4331108.90	230.38	230.38
DISCCART	364564.10	4331208.90	230.86	230.86
DISCCART	364564.10	4331308.90	230.85	230.85
DISCCART	364564.10	4331408.90	219.79	240.18
DISCCART	364564.10	4331508.90	219.29	219.29
DISCCART	364624.60	4328603.60	262.11	262.11
DISCCART	364639.70	4331589.20	218.71	218.71
DISCCART	364664.10	4328608.90	263.06	263.06
DISCCART	364664.10	4328708.90	260.59	260.59
DISCCART	364664.10	4328808.90	264.17	264.17
DISCCART	364664.10	4328908.90	267.63	267.63
DISCCART	364664.10	4329008.90	272.38	272.38
DISCCART	364664.10	4329108.90	278.86	278.86
DISCCART	364664.10	4329208.90	285.11	285.11
DISCCART	364664.10	4329308.90	287.12	287.12
DISCCART	364664.10	4329408.90	286.86	286.86
DISCCART	364664.10	4329508.90	285.03	285.03
DISCCART	364664.10	4329608.90	281.52	281.52
DISCCART	364664.10	4329708.90	279.62	279.62
DISCCART	364664.10	4329808.90	276.93	276.93
DISCCART	364664.10	4329908.90	272.23	277.26
DISCCART	364664.10	4330008.90	264.89	289.28
DISCCART	364664.10	4330108.90	255.65	293.28
DISCCART	364664.10	4330208.90	255.49	292.87

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	364664.10	4330308.90	244.57	294.15
DISCCART	364664.10	4330408.90	241.54	293.92
DISCCART	364664.10	4330508.90	236.62	297.28
DISCCART	364664.10	4330608.90	228.88	301.49
DISCCART	364664.10	4330708.90	227.35	298.92
DISCCART	364664.10	4330808.90	227.13	297.60
DISCCART	364664.10	4330908.90	227.24	227.24
DISCCART	364664.10	4331008.90	230.95	230.95
DISCCART	364664.10	4331108.90	229.69	234.19
DISCCART	364664.10	4331208.90	231.11	237.89
DISCCART	364664.10	4331308.90	230.31	240.18
DISCCART	364664.10	4331408.90	220.81	240.18
DISCCART	364664.10	4331508.90	219.53	240.18
DISCCART	364724.60	4328602.30	257.54	264.84
DISCCART	364728.80	4331634.50	218.85	218.85
DISCCART	364764.10	4328608.90	260.84	264.84
DISCCART	364764.10	4328708.90	261.97	261.97
DISCCART	364764.10	4328808.90	265.37	265.37
DISCCART	364764.10	4328908.90	266.09	266.09
DISCCART	364764.10	4329008.90	269.47	273.25
DISCCART	364764.10	4329108.90	274.44	283.16
DISCCART	364764.10	4329208.90	279.79	279.79
DISCCART	364764.10	4329308.90	281.16	286.70
DISCCART	364764.10	4329408.90	284.02	285.35
DISCCART	364764.10	4329508.90	285.02	285.02
DISCCART	364764.10	4329608.90	283.99	283.99
DISCCART	364764.10	4329708.90	281.59	282.48
DISCCART	364764.10	4329808.90	280.21	280.21
DISCCART	364764.10	4329908.90	276.53	279.61
DISCCART	364764.10	4330008.90	269.84	292.87
DISCCART	364764.10	4330108.90	262.39	293.92
DISCCART	364764.10	4330208.90	257.20	294.33
DISCCART	364764.10	4330308.90	249.64	295.03
DISCCART	364764.10	4330408.90	248.43	295.69
DISCCART	364764.10	4330508.90	244.77	297.44
DISCCART	364764.10	4330608.90	233.41	301.96
DISCCART	364764.10	4330708.90	227.21	302.11
DISCCART	364764.10	4330808.90	225.99	301.83
DISCCART	364764.10	4330908.90	227.41	298.86
DISCCART	364764.10	4331008.90	229.41	235.99
DISCCART	364764.10	4331108.90	235.99	235.99
DISCCART	364764.10	4331208.90	235.41	238.03
DISCCART	364764.10	4331308.90	230.55	240.18
DISCCART	364764.10	4331408.90	231.07	231.07
DISCCART	364764.10	4331508.90	219.81	240.18
DISCCART	364764.10	4331608.90	219.06	219.06
DISCCART	364782.10	4331661.60	218.92	218.92
DISCCART	364819.80	4331675.70	218.69	218.69
DISCCART	364824.50	4328601.00	264.58	264.58
DISCCART	364864.10	4328608.90	263.89	263.89
DISCCART	364864.10	4328708.90	259.81	259.81
DISCCART	364864.10	4328808.90	261.76	261.76
DISCCART	364864.10	4328908.90	263.15	263.15
DISCCART	364864.10	4329008.90	266.10	266.10

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	364864.10	4329108.90	269.73	272.07
DISCCART	364864.10	4329208.90	273.63	275.68
DISCCART	364864.10	4329308.90	279.44	279.44
DISCCART	364864.10	4329408.90	283.31	283.31
DISCCART	364864.10	4329508.90	285.69	285.69
DISCCART	364864.10	4329608.90	286.66	286.66
DISCCART	364864.10	4329708.90	286.09	286.09
DISCCART	364864.10	4329808.90	285.22	285.22
DISCCART	364864.10	4329908.90	283.78	283.78
DISCCART	364864.10	4330008.90	284.05	288.42
DISCCART	364864.10	4330108.90	284.52	284.52
DISCCART	364864.10	4330208.90	283.49	285.94
DISCCART	364864.10	4330308.90	283.39	283.39
DISCCART	364864.10	4330408.90	264.62	290.25
DISCCART	364864.10	4330508.90	251.04	301.49
DISCCART	364864.10	4330608.90	242.09	301.96
DISCCART	364864.10	4330708.90	227.67	303.53
DISCCART	364864.10	4330808.90	227.29	303.53
DISCCART	364864.10	4330908.90	227.18	301.83
DISCCART	364864.10	4331008.90	227.10	298.92
DISCCART	364864.10	4331108.90	230.82	230.82
DISCCART	364864.10	4331208.90	230.13	230.13
DISCCART	364864.10	4331308.90	230.12	230.12
DISCCART	364864.10	4331408.90	230.29	230.29
DISCCART	364864.10	4331508.90	222.38	232.64
DISCCART	364864.10	4331608.90	219.41	219.41
DISCCART	364913.50	4331710.60	218.62	218.62
DISCCART	364915.40	4328599.90	263.13	263.13
DISCCART	364924.50	4328599.30	263.14	263.14
DISCCART	364964.10	4328608.90	263.45	263.45
DISCCART	364964.10	4328708.90	259.02	259.02
DISCCART	364964.10	4328808.90	259.33	259.33
DISCCART	364964.10	4328908.90	261.71	261.71
DISCCART	364964.10	4329008.90	264.51	264.51
DISCCART	364964.10	4329108.90	267.47	267.47
DISCCART	364964.10	4329208.90	271.86	271.86
DISCCART	364964.10	4329308.90	276.54	276.54
DISCCART	364964.10	4329408.90	283.61	285.58
DISCCART	364964.10	4329508.90	286.84	289.57
DISCCART	364964.10	4329608.90	289.64	289.64
DISCCART	364964.10	4329708.90	289.64	289.64
DISCCART	364964.10	4329808.90	289.80	290.39
DISCCART	364964.10	4329908.90	290.25	290.25
DISCCART	364964.10	4330008.90	290.94	290.94
DISCCART	364964.10	4330108.90	289.92	289.92
DISCCART	364964.10	4330208.90	288.28	288.28
DISCCART	364964.10	4330308.90	284.99	284.99
DISCCART	364964.10	4330408.90	274.05	285.89
DISCCART	364964.10	4330508.90	258.55	301.83
DISCCART	364964.10	4330608.90	243.70	303.53
DISCCART	364964.10	4330708.90	228.05	303.54
DISCCART	364964.10	4330808.90	227.83	303.53
DISCCART	364964.10	4330908.90	226.95	303.53
DISCCART	364964.10	4331008.90	227.30	300.25

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DISCCART	364964.10	4331108.90	228.88	297.75
DISCCART	364964.10	4331208.90	228.40	228.40
DISCCART	364964.10	4331308.90	229.44	229.44
DISCCART	364964.10	4331408.90	232.12	232.12
DISCCART	364964.10	4331508.90	230.94	230.94
DISCCART	364964.10	4331608.90	219.44	231.97
DISCCART	364964.10	4331708.90	218.64	218.64
DISCCART	365007.20	4331745.50	218.53	218.53
DISCCART	365024.40	4328593.60	260.09	264.30
DISCCART	365064.10	4328608.90	263.94	263.94
DISCCART	365064.10	4328708.90	263.44	263.44
DISCCART	365064.10	4328808.90	266.07	266.07
DISCCART	365064.10	4328908.90	266.22	266.22
DISCCART	365064.10	4329008.90	264.71	264.71
DISCCART	365064.10	4329108.90	266.29	266.29
DISCCART	365064.10	4329208.90	270.11	270.11
DISCCART	365064.10	4329308.90	276.07	277.08
DISCCART	365064.10	4329408.90	281.15	281.15
DISCCART	365064.10	4329508.90	286.21	286.68
DISCCART	365064.10	4329608.90	288.19	288.19
DISCCART	365064.10	4329708.90	288.40	290.56
DISCCART	365064.10	4329808.90	291.84	291.84
DISCCART	365064.10	4329908.90	292.39	294.15
DISCCART	365064.10	4330008.90	292.37	293.83
DISCCART	365064.10	4330108.90	293.60	293.60
DISCCART	365064.10	4330208.90	289.53	290.82
DISCCART	365064.10	4330308.90	282.70	288.97
DISCCART	365064.10	4330408.90	277.08	296.17
DISCCART	365064.10	4330508.90	272.69	298.70
DISCCART	365064.10	4330608.90	247.72	303.53
DISCCART	365064.10	4330708.90	230.16	303.91
DISCCART	365064.10	4330808.90	227.11	304.34
DISCCART	365064.10	4330908.90	226.62	303.53
DISCCART	365064.10	4331008.90	227.45	301.83
DISCCART	365064.10	4331108.90	225.52	299.53
DISCCART	365064.10	4331208.90	228.06	228.06
DISCCART	365064.10	4331308.90	226.93	226.93
DISCCART	365064.10	4331408.90	228.42	232.79
DISCCART	365064.10	4331508.90	227.16	231.97
DISCCART	365064.10	4331608.90	223.59	228.33
DISCCART	365064.10	4331708.90	219.34	219.34
DISCCART	365100.90	4331780.40	218.58	218.58
DISCCART	365124.20	4328587.90	264.81	264.81
DISCCART	365164.10	4328608.90	264.82	265.30
DISCCART	365164.10	4328708.90	266.61	266.61
DISCCART	365164.10	4328808.90	270.73	270.73
DISCCART	365164.10	4328908.90	271.22	274.54
DISCCART	365164.10	4329008.90	268.07	268.07
DISCCART	365164.10	4329108.90	267.04	267.04
DISCCART	365164.10	4329208.90	268.60	268.60
DISCCART	365164.10	4329308.90	273.46	280.26
DISCCART	365164.10	4329408.90	280.67	280.67
DISCCART	365164.10	4329508.90	282.52	284.36
DISCCART	365164.10	4329608.90	284.37	284.37

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DISCCART	365164.10	4329708.90	286.15	286.15
DISCCART	365164.10	4329808.90	290.42	290.42
DISCCART	365164.10	4329908.90	295.69	295.69
DISCCART	365164.10	4330008.90	297.19	299.00
DISCCART	365164.10	4330108.90	289.47	293.42
DISCCART	365164.10	4330208.90	285.34	285.34
DISCCART	365164.10	4330308.90	282.41	301.81
DISCCART	365164.10	4330408.90	287.71	296.17
DISCCART	365164.10	4330508.90	288.21	294.77
DISCCART	365164.10	4330608.90	261.36	303.53
DISCCART	365164.10	4330708.90	245.85	303.54
DISCCART	365164.10	4330808.90	226.69	305.07
DISCCART	365164.10	4330908.90	226.80	305.07
DISCCART	365164.10	4331008.90	226.08	305.07
DISCCART	365164.10	4331108.90	225.91	305.07
DISCCART	365164.10	4331208.90	226.85	299.02
DISCCART	365164.10	4331308.90	228.01	228.01
DISCCART	365164.10	4331408.90	226.96	226.96
DISCCART	365164.10	4331508.90	227.41	227.41
DISCCART	365164.10	4331608.90	227.43	227.43
DISCCART	365164.10	4331708.90	219.42	229.49
DISCCART	365186.90	4331812.40	218.46	218.46
DISCCART	365193.80	4331816.80	218.45	218.45
DISCCART	365224.00	4328582.20	265.67	265.67
DISCCART	365264.10	4328608.90	265.66	265.66
DISCCART	365264.10	4328708.90	270.15	270.15
DISCCART	365264.10	4328808.90	273.05	273.05
DISCCART	365264.10	4328908.90	274.97	274.97
DISCCART	365264.10	4329008.90	274.56	275.63
DISCCART	365264.10	4329108.90	270.32	276.59
DISCCART	365264.10	4329208.90	268.22	268.22
DISCCART	365264.10	4329308.90	272.03	272.03
DISCCART	365264.10	4329408.90	274.57	277.46
DISCCART	365264.10	4329508.90	277.59	277.59
DISCCART	365264.10	4329608.90	284.13	284.13
DISCCART	365264.10	4329708.90	288.58	288.58
DISCCART	365264.10	4329808.90	290.56	295.81
DISCCART	365264.10	4329908.90	295.86	299.50
DISCCART	365264.10	4330008.90	294.56	300.93
DISCCART	365264.10	4330108.90	294.29	301.09
DISCCART	365264.10	4330208.90	293.56	302.00
DISCCART	365264.10	4330308.90	286.88	303.53
DISCCART	365264.10	4330408.90	293.35	296.82
DISCCART	365264.10	4330508.90	294.85	297.17
DISCCART	365264.10	4330608.90	272.06	301.83
DISCCART	365264.10	4330708.90	246.03	304.46
DISCCART	365264.10	4330808.90	227.86	305.07
DISCCART	365264.10	4330908.90	226.86	305.07
DISCCART	365264.10	4331008.90	226.25	305.07
DISCCART	365264.10	4331108.90	226.17	305.07
DISCCART	365264.10	4331208.90	226.05	305.07
DISCCART	365264.10	4331308.90	225.67	304.57
DISCCART	365264.10	4331408.90	227.57	227.57
DISCCART	365264.10	4331508.90	228.92	229.34

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DISCCART	365264.10	4331608.90	229.69	229.69
DISCCART	365264.10	4331708.90	225.39	229.20
DISCCART	365264.10	4331808.90	219.26	219.26
DISCCART	365278.40	4331870.10	218.76	218.76
DISCCART	365323.90	4328576.50	266.39	266.39
DISCCART	365363.00	4331923.50	218.74	218.74
DISCCART	365364.10	4328608.90	263.29	267.10
DISCCART	365364.10	4328708.90	269.14	269.14
DISCCART	365364.10	4328808.90	273.57	273.57
DISCCART	365364.10	4328908.90	276.96	276.96
DISCCART	365364.10	4329008.90	280.22	280.22
DISCCART	365364.10	4329108.90	276.56	284.28
DISCCART	365364.10	4329208.90	271.31	283.75
DISCCART	365364.10	4329308.90	271.88	271.88
DISCCART	365364.10	4329408.90	275.85	285.61
DISCCART	365364.10	4329508.90	283.97	285.55
DISCCART	365364.10	4329608.90	286.81	288.98
DISCCART	365364.10	4329708.90	287.90	287.90
DISCCART	365364.10	4329808.90	292.17	296.42
DISCCART	365364.10	4329908.90	298.11	299.21
DISCCART	365364.10	4330008.90	300.30	300.30
DISCCART	365364.10	4330108.90	301.89	301.89
DISCCART	365364.10	4330208.90	302.48	302.48
DISCCART	365364.10	4330308.90	301.18	301.18
DISCCART	365364.10	4330408.90	299.91	299.91
DISCCART	365364.10	4330508.90	297.93	297.93
DISCCART	365364.10	4330608.90	283.32	299.53
DISCCART	365364.10	4330708.90	262.13	303.53
DISCCART	365364.10	4330808.90	230.22	305.07
DISCCART	365364.10	4330908.90	226.88	305.07
DISCCART	365364.10	4331008.90	226.49	305.07
DISCCART	365364.10	4331108.90	227.25	305.07
DISCCART	365364.10	4331208.90	226.80	305.07
DISCCART	365364.10	4331308.90	225.93	305.07
DISCCART	365364.10	4331408.90	226.09	303.77
DISCCART	365364.10	4331508.90	227.64	229.36
DISCCART	365364.10	4331608.90	229.59	229.59
DISCCART	365364.10	4331708.90	228.34	228.34
DISCCART	365364.10	4331808.90	219.23	230.00
DISCCART	365364.10	4331908.90	219.05	219.05
DISCCART	365378.40	4328573.40	266.87	266.87
DISCCART	365423.80	4328572.20	262.44	267.48
DISCCART	365447.60	4331976.80	218.95	218.95
DISCCART	365464.10	4328608.90	264.07	267.48
DISCCART	365464.10	4328708.90	266.32	266.32
DISCCART	365464.10	4328808.90	268.65	273.87
DISCCART	365464.10	4328908.90	275.92	275.92
DISCCART	365464.10	4329008.90	282.61	283.13
DISCCART	365464.10	4329108.90	283.20	285.66
DISCCART	365464.10	4329208.90	277.27	277.27
DISCCART	365464.10	4329308.90	274.12	274.12
DISCCART	365464.10	4329408.90	276.54	276.54
DISCCART	365464.10	4329508.90	282.61	282.61
DISCCART	365464.10	4329608.90	288.15	288.15

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DISCCART	365464.10	4329708.90	287.90	290.59
DISCCART	365464.10	4329808.90	290.55	290.55
DISCCART	365464.10	4329908.90	290.95	293.91
DISCCART	365464.10	4330008.90	293.24	295.28
DISCCART	365464.10	4330108.90	295.29	301.77
DISCCART	365464.10	4330208.90	302.02	302.02
DISCCART	365464.10	4330308.90	301.52	301.52
DISCCART	365464.10	4330408.90	297.59	298.52
DISCCART	365464.10	4330508.90	292.49	298.50
DISCCART	365464.10	4330608.90	272.32	303.54
DISCCART	365464.10	4330708.90	274.78	298.88
DISCCART	365464.10	4330808.90	245.05	305.07
DISCCART	365464.10	4330908.90	227.46	305.07
DISCCART	365464.10	4331008.90	225.88	305.07
DISCCART	365464.10	4331108.90	227.69	305.07
DISCCART	365464.10	4331208.90	226.80	305.07
DISCCART	365464.10	4331308.90	226.19	305.07
DISCCART	365464.10	4331408.90	225.87	305.07
DISCCART	365464.10	4331508.90	226.61	226.61
DISCCART	365464.10	4331608.90	229.27	229.27
DISCCART	365464.10	4331708.90	227.80	227.80
DISCCART	365464.10	4331808.90	226.98	230.17
DISCCART	365464.10	4331908.90	219.41	230.17
DISCCART	365523.70	4328569.50	266.31	266.31
DISCCART	365532.20	4332030.10	219.08	219.08
DISCCART	365552.10	4332042.60	219.06	219.06
DISCCART	365564.10	4328608.90	267.07	267.07
DISCCART	365564.10	4328708.90	269.30	269.30
DISCCART	365564.10	4328808.90	270.93	270.93
DISCCART	365564.10	4328908.90	275.13	275.13
DISCCART	365564.10	4329008.90	281.40	281.40
DISCCART	365564.10	4329108.90	283.54	284.64
DISCCART	365564.10	4329208.90	281.75	283.84
DISCCART	365564.10	4329308.90	278.50	287.16
DISCCART	365564.10	4329408.90	278.97	278.97
DISCCART	365564.10	4329508.90	278.48	278.48
DISCCART	365564.10	4329608.90	279.80	285.35
DISCCART	365564.10	4329708.90	286.22	286.22
DISCCART	365564.10	4329808.90	286.55	286.55
DISCCART	365564.10	4329908.90	287.88	287.88
DISCCART	365564.10	4330008.90	290.25	290.25
DISCCART	365564.10	4330108.90	296.73	298.44
DISCCART	365564.10	4330208.90	301.52	302.09
DISCCART	365564.10	4330308.90	302.47	302.47
DISCCART	365564.10	4330408.90	297.99	301.02
DISCCART	365564.10	4330508.90	288.34	301.02
DISCCART	365564.10	4330608.90	281.35	300.07
DISCCART	365564.10	4330708.90	291.20	291.20
DISCCART	365564.10	4330808.90	258.68	305.07
DISCCART	365564.10	4330908.90	226.90	305.07
DISCCART	365564.10	4331008.90	226.55	305.07
DISCCART	365564.10	4331108.90	227.55	305.07
DISCCART	365564.10	4331208.90	227.03	305.07
DISCCART	365564.10	4331308.90	226.46	305.07

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DISCCART	365564.10	4331408.90	226.55	305.07
DISCCART	365564.10	4331508.90	225.86	305.07
DISCCART	365564.10	4331608.90	226.79	226.79
DISCCART	365564.10	4331708.90	227.20	227.20
DISCCART	365564.10	4331808.90	227.33	230.36
DISCCART	365564.10	4331908.90	218.93	230.36
DISCCART	365564.10	4332008.90	219.31	219.31
DISCCART	365611.00	4332091.50	219.10	219.10
DISCCART	365623.20	4328566.80	264.60	264.60
DISCCART	365623.70	4328566.90	264.58	264.58
DISCCART	365664.10	4328608.90	265.86	271.06
DISCCART	365664.10	4328708.90	271.92	271.92
DISCCART	365664.10	4328808.90	273.72	273.72
DISCCART	365664.10	4328908.90	275.34	275.34
DISCCART	365664.10	4329008.90	278.21	279.83
DISCCART	365664.10	4329108.90	281.37	283.73
DISCCART	365664.10	4329208.90	285.73	285.73
DISCCART	365664.10	4329308.90	283.37	283.37
DISCCART	365664.10	4329408.90	284.39	284.39
DISCCART	365664.10	4329508.90	285.24	285.24
DISCCART	365664.10	4329608.90	282.16	283.84
DISCCART	365664.10	4329708.90	287.29	287.29
DISCCART	365664.10	4329808.90	289.26	289.26
DISCCART	365664.10	4329908.90	293.15	293.91
DISCCART	365664.10	4330008.90	293.87	293.87
DISCCART	365664.10	4330108.90	295.47	295.47
DISCCART	365664.10	4330208.90	299.71	299.71
DISCCART	365664.10	4330308.90	303.37	303.37
DISCCART	365664.10	4330408.90	301.82	301.82
DISCCART	365664.10	4330508.90	292.38	301.99
DISCCART	365664.10	4330608.90	285.27	304.51
DISCCART	365664.10	4330708.90	294.54	294.54
DISCCART	365664.10	4330808.90	266.05	305.07
DISCCART	365664.10	4330908.90	230.79	305.07
DISCCART	365664.10	4331008.90	226.35	305.07
DISCCART	365664.10	4331108.90	227.07	305.07
DISCCART	365664.10	4331208.90	226.54	305.07
DISCCART	365664.10	4331308.90	226.24	305.07
DISCCART	365664.10	4331408.90	226.22	305.07
DISCCART	365664.10	4331508.90	226.37	305.07
DISCCART	365664.10	4331608.90	226.01	226.01
DISCCART	365664.10	4331708.90	226.86	226.86
DISCCART	365664.10	4331808.90	228.67	228.67
DISCCART	365664.10	4331908.90	224.75	230.96
DISCCART	365664.10	4332008.90	219.78	225.22
DISCCART	365664.10	4332108.90	219.26	219.26
DISCCART	365687.90	4332155.40	218.88	218.88
DISCCART	365719.60	4328595.30	262.30	272.11
DISCCART	365764.10	4328608.90	261.69	274.09
DISCCART	365764.10	4328708.90	273.46	273.46
DISCCART	365764.10	4328808.90	276.74	277.27
DISCCART	365764.10	4328908.90	280.16	281.88
DISCCART	365764.10	4329008.90	282.74	282.74
DISCCART	365764.10	4329108.90	283.14	283.14

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DISCCART	365764.10	4329208.90	286.85	288.19
DISCCART	365764.10	4329308.90	287.77	287.77
DISCCART	365764.10	4329408.90	288.96	291.71
DISCCART	365764.10	4329508.90	289.02	290.98
DISCCART	365764.10	4329608.90	285.03	285.03
DISCCART	365764.10	4329708.90	288.98	288.98
DISCCART	365764.10	4329808.90	294.03	295.95
DISCCART	365764.10	4329908.90	296.95	300.09
DISCCART	365764.10	4330008.90	297.84	298.71
DISCCART	365764.10	4330108.90	296.69	296.69
DISCCART	365764.10	4330208.90	297.10	297.10
DISCCART	365764.10	4330308.90	293.89	303.80
DISCCART	365764.10	4330408.90	298.99	302.72
DISCCART	365764.10	4330508.90	301.50	301.50
DISCCART	365764.10	4330608.90	297.47	304.32
DISCCART	365764.10	4330708.90	298.15	304.34
DISCCART	365764.10	4330808.90	291.12	305.07
DISCCART	365764.10	4330908.90	244.36	305.07
DISCCART	365764.10	4331008.90	225.34	305.07
DISCCART	365764.10	4331108.90	226.43	305.07
DISCCART	365764.10	4331208.90	225.46	305.07
DISCCART	365764.10	4331308.90	226.00	305.07
DISCCART	365764.10	4331408.90	226.36	305.07
DISCCART	365764.10	4331508.90	226.23	305.07
DISCCART	365764.10	4331608.90	226.22	226.22
DISCCART	365764.10	4331708.90	225.99	225.99
DISCCART	365764.10	4331808.90	226.62	226.62
DISCCART	365764.10	4331908.90	230.63	230.63
DISCCART	365764.10	4332008.90	225.36	225.36
DISCCART	365764.10	4332108.90	219.37	219.37
DISCCART	365764.10	4332208.90	218.99	218.99
DISCCART	365764.90	4332219.20	218.86	218.86
DISCCART	365815.50	4328623.60	261.04	274.09
DISCCART	365841.80	4332283.10	218.83	218.83
DISCCART	365864.10	4328708.90	269.95	269.95
DISCCART	365864.10	4328808.90	274.72	274.72
DISCCART	365864.10	4328908.90	279.31	279.31
DISCCART	365864.10	4329008.90	283.55	283.55
DISCCART	365864.10	4329108.90	285.67	285.67
DISCCART	365864.10	4329208.90	287.02	287.02
DISCCART	365864.10	4329308.90	288.49	288.49
DISCCART	365864.10	4329408.90	291.39	291.39
DISCCART	365864.10	4329508.90	291.40	291.40
DISCCART	365864.10	4329608.90	288.71	289.53
DISCCART	365864.10	4329708.90	290.33	295.74
DISCCART	365864.10	4329808.90	294.69	294.69
DISCCART	365864.10	4329908.90	296.96	296.96
DISCCART	365864.10	4330008.90	297.74	297.74
DISCCART	365864.10	4330108.90	295.09	298.55
DISCCART	365864.10	4330208.90	291.84	291.84
DISCCART	365864.10	4330308.90	275.60	304.51
DISCCART	365864.10	4330408.90	287.91	304.51
DISCCART	365864.10	4330508.90	297.14	304.51
DISCCART	365864.10	4330608.90	298.48	304.68

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	365864.10	4330708.90	298.38	304.63
DISCCART	365864.10	4330808.90	300.70	305.07
DISCCART	365864.10	4330908.90	252.17	305.07
DISCCART	365864.10	4331008.90	224.46	311.34
DISCCART	365864.10	4331108.90	226.73	310.21
DISCCART	365864.10	4331208.90	226.98	305.44
DISCCART	365864.10	4331308.90	226.03	305.07
DISCCART	365864.10	4331408.90	225.84	305.07
DISCCART	365864.10	4331508.90	225.81	305.07
DISCCART	365864.10	4331608.90	226.15	226.15
DISCCART	365864.10	4331708.90	225.89	225.89
DISCCART	365864.10	4331808.90	226.03	226.03
DISCCART	365864.10	4331908.90	226.32	226.32
DISCCART	365864.10	4332008.90	224.76	231.27
DISCCART	365864.10	4332108.90	223.44	225.72
DISCCART	365864.10	4332208.90	219.26	219.26
DISCCART	365911.40	4328651.90	259.51	275.32
DISCCART	365914.20	4328652.80	259.48	275.32
DISCCART	365918.80	4332346.90	218.35	218.35
DISCCART	365925.10	4332352.20	218.47	218.47
DISCCART	365964.10	4328708.90	263.18	276.19
DISCCART	365964.10	4328808.90	271.51	276.19
DISCCART	365964.10	4328908.90	274.12	274.12
DISCCART	365964.10	4329008.90	275.58	282.35
DISCCART	365964.10	4329108.90	279.32	279.32
DISCCART	365964.10	4329208.90	281.87	281.87
DISCCART	365964.10	4329308.90	284.98	284.98
DISCCART	365964.10	4329408.90	286.85	286.85
DISCCART	365964.10	4329508.90	289.63	291.81
DISCCART	365964.10	4329608.90	291.56	294.92
DISCCART	365964.10	4329708.90	292.56	292.56
DISCCART	365964.10	4329808.90	293.91	293.91
DISCCART	365964.10	4329908.90	292.92	295.61
DISCCART	365964.10	4330008.90	298.24	298.24
DISCCART	365964.10	4330108.90	298.92	298.92
DISCCART	365964.10	4330208.90	291.77	295.11
DISCCART	365964.10	4330308.90	284.32	286.58
DISCCART	365964.10	4330408.90	267.15	304.68
DISCCART	365964.10	4330508.90	290.62	304.42
DISCCART	365964.10	4330608.90	289.68	304.68
DISCCART	365964.10	4330708.90	290.76	305.07
DISCCART	365964.10	4330808.90	285.65	305.07
DISCCART	365964.10	4330908.90	263.85	305.07
DISCCART	365964.10	4331008.90	228.45	311.34
DISCCART	365964.10	4331108.90	226.56	311.34
DISCCART	365964.10	4331208.90	226.60	311.34
DISCCART	365964.10	4331308.90	226.29	311.34
DISCCART	365964.10	4331408.90	226.36	305.44
DISCCART	365964.10	4331508.90	225.76	305.07
DISCCART	365964.10	4331608.90	226.03	226.03
DISCCART	365964.10	4331708.90	225.73	225.73
DISCCART	365964.10	4331808.90	226.53	226.53
DISCCART	365964.10	4331908.90	226.56	226.56
DISCCART	365964.10	4332008.90	226.72	231.27

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	365964.10	4332108.90	223.26	231.33
DISCCART	365964.10	4332208.90	219.01	226.45
DISCCART	365964.10	4332308.90	219.35	219.35
DISCCART	365992.10	4332415.00	218.44	218.44
DISCCART	366010.60	4328663.80	256.97	276.19
DISCCART	366064.10	4328708.90	260.52	273.96
DISCCART	366064.10	4328808.90	269.46	269.46
DISCCART	366064.10	4328908.90	271.53	271.53
DISCCART	366064.10	4329008.90	273.84	273.84
DISCCART	366064.10	4329108.90	277.97	277.97
DISCCART	366064.10	4329208.90	280.49	280.49
DISCCART	366064.10	4329308.90	283.49	283.49
DISCCART	366064.10	4329408.90	285.15	285.15
DISCCART	366064.10	4329508.90	288.90	288.90
DISCCART	366064.10	4329608.90	292.46	294.91
DISCCART	366064.10	4329708.90	294.74	294.74
DISCCART	366064.10	4329808.90	294.19	294.19
DISCCART	366064.10	4329908.90	289.07	289.07
DISCCART	366064.10	4330008.90	290.06	297.95
DISCCART	366064.10	4330108.90	288.51	299.76
DISCCART	366064.10	4330208.90	286.04	298.09
DISCCART	366064.10	4330308.90	264.96	304.68
DISCCART	366064.10	4330408.90	265.30	304.68
DISCCART	366064.10	4330508.90	266.09	305.07
DISCCART	366064.10	4330608.90	270.00	305.07
DISCCART	366064.10	4330708.90	270.11	305.07
DISCCART	366064.10	4330808.90	262.95	305.07
DISCCART	366064.10	4330908.90	273.80	305.07
DISCCART	366064.10	4331008.90	230.36	311.34
DISCCART	366064.10	4331108.90	226.78	311.34
DISCCART	366064.10	4331208.90	226.74	311.34
DISCCART	366064.10	4331308.90	226.60	311.34
DISCCART	366064.10	4331408.90	226.04	311.34
DISCCART	366064.10	4331508.90	225.86	309.99
DISCCART	366064.10	4331608.90	226.30	226.30
DISCCART	366064.10	4331708.90	225.81	225.81
DISCCART	366064.10	4331808.90	225.98	225.98
DISCCART	366064.10	4331908.90	226.06	226.06
DISCCART	366064.10	4332008.90	226.19	226.19
DISCCART	366064.10	4332108.90	227.22	231.43
DISCCART	366064.10	4332208.90	224.84	224.84
DISCCART	366064.10	4332308.90	218.86	225.15
DISCCART	366064.10	4332408.90	219.29	219.29
DISCCART	366065.00	4332483.30	218.39	218.39
DISCCART	366110.00	4328675.10	258.19	271.59
DISCCART	366138.00	4332551.70	218.72	218.72
DISCCART	366145.70	4328679.20	259.29	271.88
DISCCART	366164.10	4328708.90	264.74	271.59
DISCCART	366164.10	4328808.90	270.68	270.68
DISCCART	366164.10	4328908.90	274.06	277.57
DISCCART	366164.10	4329008.90	279.40	279.40
DISCCART	366164.10	4329108.90	283.69	283.69
DISCCART	366164.10	4329208.90	282.44	287.59
DISCCART	366164.10	4329308.90	288.10	288.10

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	366164.10	4329408.90	288.51	290.06
DISCCART	366164.10	4329508.90	289.59	290.80
DISCCART	366164.10	4329608.90	292.13	292.13
DISCCART	366164.10	4329708.90	295.16	295.16
DISCCART	366164.10	4329808.90	289.86	296.84
DISCCART	366164.10	4329908.90	286.90	295.72
DISCCART	366164.10	4330008.90	281.19	297.45
DISCCART	366164.10	4330108.90	277.82	299.96
DISCCART	366164.10	4330208.90	273.53	300.46
DISCCART	366164.10	4330308.90	268.86	300.46
DISCCART	366164.10	4330408.90	265.94	304.68
DISCCART	366164.10	4330508.90	256.66	305.07
DISCCART	366164.10	4330608.90	250.96	311.00
DISCCART	366164.10	4330708.90	249.07	311.34
DISCCART	366164.10	4330808.90	245.88	311.34
DISCCART	366164.10	4330908.90	243.31	311.34
DISCCART	366164.10	4331008.90	234.94	311.34
DISCCART	366164.10	4331108.90	227.71	311.34
DISCCART	366164.10	4331208.90	226.98	311.34
DISCCART	366164.10	4331308.90	226.82	311.34
DISCCART	366164.10	4331408.90	231.53	311.34
DISCCART	366164.10	4331508.90	227.94	311.34
DISCCART	366164.10	4331608.90	226.59	305.35
DISCCART	366164.10	4331708.90	226.20	226.20
DISCCART	366164.10	4331808.90	225.93	225.93
DISCCART	366164.10	4331908.90	226.03	226.03
DISCCART	366164.10	4332008.90	227.04	227.04
DISCCART	366164.10	4332108.90	226.53	231.09
DISCCART	366164.10	4332208.90	226.14	226.14
DISCCART	366164.10	4332308.90	222.21	226.63
DISCCART	366164.10	4332408.90	219.37	225.99
DISCCART	366164.10	4332508.90	219.25	219.25
DISCCART	366179.10	4332590.30	218.94	218.94
DISCCART	366206.00	4328657.70	260.11	271.88
DISCCART	366206.30	4332624.40	218.84	218.84
DISCCART	366264.10	4328708.90	266.70	270.09
DISCCART	366264.10	4328808.90	270.46	270.46
DISCCART	366264.10	4328908.90	272.83	272.83
DISCCART	366264.10	4329008.90	276.17	278.27
DISCCART	366264.10	4329108.90	279.26	279.26
DISCCART	366264.10	4329208.90	282.80	282.80
DISCCART	366264.10	4329308.90	287.94	287.94
DISCCART	366264.10	4329408.90	292.96	292.96
DISCCART	366264.10	4329508.90	293.50	294.09
DISCCART	366264.10	4329608.90	294.68	294.68
DISCCART	366264.10	4329708.90	295.38	295.38
DISCCART	366264.10	4329808.90	296.22	296.22
DISCCART	366264.10	4329908.90	294.67	295.30
DISCCART	366264.10	4330008.90	292.52	297.45
DISCCART	366264.10	4330108.90	290.39	297.57
DISCCART	366264.10	4330208.90	287.69	297.26
DISCCART	366264.10	4330308.90	289.98	289.98
DISCCART	366264.10	4330408.90	286.02	297.75
DISCCART	366264.10	4330508.90	285.26	297.26

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	366264.10	4330608.90	263.33	307.70
DISCCART	366264.10	4330708.90	245.55	311.34
DISCCART	366264.10	4330808.90	250.34	311.34
DISCCART	366264.10	4330908.90	247.87	311.34
DISCCART	366264.10	4331008.90	235.84	311.34
DISCCART	366264.10	4331108.90	228.00	311.34
DISCCART	366264.10	4331208.90	227.57	311.34
DISCCART	366264.10	4331308.90	226.95	311.34
DISCCART	366264.10	4331408.90	226.88	311.34
DISCCART	366264.10	4331508.90	225.70	311.34
DISCCART	366264.10	4331608.90	225.51	311.34
DISCCART	366264.10	4331708.90	225.81	225.81
DISCCART	366264.10	4331808.90	226.06	226.06
DISCCART	366264.10	4331908.90	225.79	225.79
DISCCART	366264.10	4332008.90	226.19	226.19
DISCCART	366264.10	4332108.90	226.91	226.91
DISCCART	366264.10	4332208.90	230.05	230.05
DISCCART	366264.10	4332308.90	224.53	225.72
DISCCART	366264.10	4332408.90	224.04	224.04
DISCCART	366264.10	4332508.90	219.04	226.07
DISCCART	366264.10	4332608.90	219.39	219.39
DISCCART	366268.50	4332702.70	219.16	219.16
DISCCART	366300.20	4328624.10	262.57	262.57
DISCCART	366330.70	4332781.00	219.20	219.20
DISCCART	366330.90	4328613.10	263.29	263.29
DISCCART	366364.10	4328608.90	262.36	264.69
DISCCART	366364.10	4328708.90	263.52	263.52
DISCCART	366364.10	4328808.90	266.29	266.77
DISCCART	366364.10	4328908.90	270.39	270.39
DISCCART	366364.10	4329008.90	275.41	278.23
DISCCART	366364.10	4329108.90	278.91	284.42
DISCCART	366364.10	4329208.90	282.52	287.52
DISCCART	366364.10	4329308.90	284.67	284.67
DISCCART	366364.10	4329408.90	288.40	292.25
DISCCART	366364.10	4329508.90	293.75	293.75
DISCCART	366364.10	4329608.90	294.93	294.93
DISCCART	366364.10	4329708.90	293.31	294.32
DISCCART	366364.10	4329808.90	296.31	296.31

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KCTOP08-12.SFC

PROFFILE KCTOP08-12.PFL

SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60

UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT

PROFBASE 231.0 METERS

ME FINISHED

**

Appendix D. Attainment Demonstration Modeling Input Files

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** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 4-25
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID2.DAT
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG2.PLT
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG2.PLT
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUNG2.PLT
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG2.PLT
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G2.PLT
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG2.PLT
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G2.PLT
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G2.PLT
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG2.PLT
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG2.PLT
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG2.PLT
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG2.PLT
**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G2.PLT
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G2.PLT
**OU PLOTFILE 1 BV9 4TH 01H4GPTEBV9G2.PLT
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG2.PLT
OU FINISHED
```

Sub-grid 3

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**
**
*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 3 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
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Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59
SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24
SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44
SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

BACKGRND ANNUAL 13.0

BACKUNIT PPB

** Source Parameters **

Appendix D. Attainment Demonstration Modeling Input Files

**Buffer Sources

**Blue Valley with NG switch in Rule

SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764
SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764
SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574
**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764
**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764
**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574
SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down

**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2
**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD

**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192
**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616
**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144
SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192
SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368
SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below

**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914
**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152
**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2
**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152
**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1
**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152
**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152
SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914
SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152
SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2
SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152
SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1
SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152
SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536
SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914
**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184
**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672
SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914
SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184
SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

Appendix D. Attainment Demonstration Modeling Input Files

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**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.761111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219
SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384
SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384
SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
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Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651
SO SRCPARAM PC1 0.000438371 5 1.1628 4.651
SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651
SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAU 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528
**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528
**2010 Actuals below from KS to determine actual impact

Appendix D. Attainment Demonstration Modeling Input Files

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLEN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLEN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLEN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLEN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLEN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLEN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

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SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55
SO YBADJ VEP3	0.93	-0.72	-2.34	-3.89	-6.13	-7.45
SO YBADJ VEP3	-8.54	-9.38	-9.93	-10.17	-10.11	-9.74
SO YBADJ VEP3	-9.08	-7.79	-6.75	-5.50	-4.09	-2.55

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3

SO SRCGROUP BV BV3 BV4 BV5 BV9

SO SRCGROUP IATAN IATAN06 IATAN30

SO SRCGROUP HALL HALL1 HALL2

SO SRCGROUP RMC RMC1-RMC3

SO SRCGROUP HAWTH6 HAWTH6

SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901

SO SRCGROUP SIB5A SIB5A

SO SRCGROUP SIB5B SIB5B

SO SRCGROUP SIB5C SIB5C

**SO SRCGROUP MOCITY MOCITY5 MOCITY6

SO SRCGROUP NAGC NAGC3 NAGC4

**SO SRCGROUP ATTB ATT4

SO SRCGROUP CMH CMH1

SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11

SO SRCGROUP GAP GAP1

SO SRCGROUP SIMR SIMR1

SO SRCGROUP APAC APACKS3 APACKS4

SO SRCGROUP AUD AUD77

SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24

SO SRCGROUP FS FS07 FS10

SO SRCGROUP MPC MPC01 MPC02

SO SRCGROUP MKA MKA08 MKA09

**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12

SO SRCGROUP GM GM39 GM46 GM49

SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28

SO SRCGROUP LOL LOL5

SO SRCGROUP PC PC1

SO SRCGROUP MBB MBB29

SO SRCGROUP BMSI BMSI4

SO SRCGROUP SBAC SBAC05 SBAC06

SO SRCGROUP SR SR14

SO SRCGROUP CL CL2

SO SRCGROUP USPS USPS1

SO SRCGROUP A1 A11

SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111

SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2

SO SRCGROUP BMB BMB2 BMB3 BMB1

SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32

SO SRCGROUP ALC ALC3 ALC4

SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8

SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481

SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX

SO SRCGROUP GMKS GM4

SO SRCGROUP MC MC1 MC2

SO SRCGROUP MAC MAC2 MAC7

SO SRCGROUP SPRNT SPRNT4 SPRNT13

SO SRCGROUP ARC ARCW9 ARCH9

SO SRCGROUP GK GK1

SO SRCGROUP ALL BACKGROUND

Appendix D. Attainment Demonstration Modeling Input Files

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

RE ELEVUNIT METERS

DISCCART	366364.10	4329808.90	296.31	296.31
DISCCART	366364.10	4329908.90	296.00	296.12
DISCCART	366364.10	4330008.90	296.89	296.89
DISCCART	366364.10	4330108.90	297.08	297.68
DISCCART	366364.10	4330208.90	296.88	296.88
DISCCART	366364.10	4330308.90	295.54	297.69
DISCCART	366364.10	4330408.90	296.93	296.93
DISCCART	366364.10	4330508.90	297.01	297.01
DISCCART	366364.10	4330608.90	260.55	311.34
DISCCART	366364.10	4330708.90	258.90	311.34
DISCCART	366364.10	4330808.90	285.41	298.48
DISCCART	366364.10	4330908.90	279.43	310.21
DISCCART	366364.10	4331008.90	250.81	311.34
DISCCART	366364.10	4331108.90	226.50	311.34
DISCCART	366364.10	4331208.90	226.44	311.34
DISCCART	366364.10	4331308.90	226.93	311.34
DISCCART	366364.10	4331408.90	225.81	311.34
DISCCART	366364.10	4331508.90	226.33	311.34
DISCCART	366364.10	4331608.90	225.73	311.34
DISCCART	366364.10	4331708.90	225.52	309.61
DISCCART	366364.10	4331808.90	225.41	225.41
DISCCART	366364.10	4331908.90	225.20	225.20
DISCCART	366364.10	4332008.90	226.07	226.07
DISCCART	366364.10	4332108.90	225.84	225.84
DISCCART	366364.10	4332208.90	225.11	229.23
DISCCART	366364.10	4332308.90	224.79	230.56
DISCCART	366364.10	4332408.90	225.01	225.01
DISCCART	366364.10	4332508.90	223.55	225.96
DISCCART	366364.10	4332608.90	219.08	227.37
DISCCART	366364.10	4332708.90	219.43	219.43
DISCCART	366364.10	4332808.90	219.37	219.37
DISCCART	366374.60	4328561.80	262.91	262.91
DISCCART	366392.90	4332859.30	219.27	219.27
DISCCART	366425.20	4332899.90	219.25	219.25
DISCCART	366439.40	4328485.60	255.69	262.00
DISCCART	366447.90	4332942.30	219.33	219.33
DISCCART	366464.10	4328508.90	255.91	259.03
DISCCART	366464.10	4328608.90	254.54	265.04
DISCCART	366464.10	4328708.90	263.55	263.55
DISCCART	366464.10	4328808.90	267.07	267.07
DISCCART	366464.10	4328908.90	271.20	271.20
DISCCART	366464.10	4329008.90	277.14	277.14
DISCCART	366464.10	4329108.90	282.35	282.35
DISCCART	366464.10	4329208.90	286.52	286.52

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	366464.10	4329308.90	288.89	288.89
DISCCART	366464.10	4329408.90	289.88	290.65
DISCCART	366464.10	4329508.90	288.79	289.19
DISCCART	366464.10	4329608.90	288.64	288.64
DISCCART	366464.10	4329708.90	288.22	288.22
DISCCART	366464.10	4329808.90	290.20	290.87
DISCCART	366464.10	4329908.90	288.45	294.82
DISCCART	366464.10	4330008.90	292.16	297.18
DISCCART	366464.10	4330108.90	296.31	298.92
DISCCART	366464.10	4330208.90	298.17	300.09
DISCCART	366464.10	4330308.90	297.12	297.12
DISCCART	366464.10	4330408.90	296.91	296.91
DISCCART	366464.10	4330508.90	295.97	296.50
DISCCART	366464.10	4330608.90	286.42	304.11
DISCCART	366464.10	4330708.90	289.28	304.03
DISCCART	366464.10	4330808.90	285.58	311.34
DISCCART	366464.10	4330908.90	298.13	299.66
DISCCART	366464.10	4331008.90	259.79	311.34
DISCCART	366464.10	4331108.90	226.76	311.34
DISCCART	366464.10	4331208.90	226.38	311.34
DISCCART	366464.10	4331308.90	226.59	311.34
DISCCART	366464.10	4331408.90	225.32	311.34
DISCCART	366464.10	4331508.90	225.70	311.34
DISCCART	366464.10	4331608.90	225.87	311.34
DISCCART	366464.10	4331708.90	224.96	311.34
DISCCART	366464.10	4331808.90	225.59	225.59
DISCCART	366464.10	4331908.90	224.67	224.67
DISCCART	366464.10	4332008.90	225.53	225.53
DISCCART	366464.10	4332108.90	225.76	225.76
DISCCART	366464.10	4332208.90	227.27	227.27
DISCCART	366464.10	4332308.90	227.83	227.83
DISCCART	366464.10	4332408.90	224.97	224.97
DISCCART	366464.10	4332508.90	224.31	225.60
DISCCART	366464.10	4332608.90	223.17	223.17
DISCCART	366464.10	4332708.90	223.95	223.95
DISCCART	366464.10	4332808.90	219.39	224.34
DISCCART	366464.10	4332908.90	219.35	219.35
DISCCART	366495.10	4333030.50	218.88	218.88
DISCCART	366504.20	4328409.50	253.83	262.02
DISCCART	366538.20	4328369.50	254.12	264.28
DISCCART	366539.70	4328322.00	261.69	261.69
DISCCART	366542.30	4333118.70	218.41	218.41
DISCCART	366543.00	4328222.10	260.17	265.45
DISCCART	366544.80	4328164.40	258.08	271.21
DISCCART	366558.40	4328124.30	268.66	268.66
DISCCART	366564.10	4328108.90	269.17	269.17
DISCCART	366564.10	4328208.90	257.28	270.94
DISCCART	366564.10	4328308.90	262.04	262.90
DISCCART	366564.10	4328408.90	253.11	262.14
DISCCART	366564.10	4328508.90	256.18	259.71
DISCCART	366564.10	4328608.90	262.13	262.13
DISCCART	366564.10	4328708.90	264.09	264.09
DISCCART	366564.10	4328808.90	266.61	266.61
DISCCART	366564.10	4328908.90	270.51	270.51

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	366564.10	4329008.90	277.04	278.72
DISCCART	366564.10	4329108.90	280.34	281.08
DISCCART	366564.10	4329208.90	286.37	286.37
DISCCART	366564.10	4329308.90	291.88	291.88
DISCCART	366564.10	4329408.90	291.84	291.84
DISCCART	366564.10	4329508.90	286.63	286.63
DISCCART	366564.10	4329608.90	283.54	285.71
DISCCART	366564.10	4329708.90	283.48	283.48
DISCCART	366564.10	4329808.90	283.38	284.52
DISCCART	366564.10	4329908.90	286.14	290.45
DISCCART	366564.10	4330008.90	291.63	291.63
DISCCART	366564.10	4330108.90	289.15	296.68
DISCCART	366564.10	4330208.90	293.62	293.62
DISCCART	366564.10	4330308.90	291.67	291.67
DISCCART	366564.10	4330408.90	291.46	297.15
DISCCART	366564.10	4330508.90	298.34	298.34
DISCCART	366564.10	4330608.90	299.48	299.48
DISCCART	366564.10	4330708.90	301.72	301.72
DISCCART	366564.10	4330808.90	299.39	307.56
DISCCART	366564.10	4330908.90	302.49	305.44
DISCCART	366564.10	4331008.90	267.85	311.34
DISCCART	366564.10	4331108.90	228.18	311.34
DISCCART	366564.10	4331208.90	226.13	311.34
DISCCART	366564.10	4331308.90	226.48	311.34
DISCCART	366564.10	4331408.90	225.84	311.34
DISCCART	366564.10	4331508.90	225.61	311.34
DISCCART	366564.10	4331608.90	225.68	311.34
DISCCART	366564.10	4331708.90	225.16	311.34
DISCCART	366564.10	4331808.90	225.37	225.37
DISCCART	366564.10	4331908.90	224.86	224.86
DISCCART	366564.10	4332008.90	225.04	225.04
DISCCART	366564.10	4332108.90	225.78	225.78
DISCCART	366564.10	4332208.90	225.66	225.66
DISCCART	366564.10	4332308.90	226.16	226.16
DISCCART	366564.10	4332408.90	229.83	230.57
DISCCART	366564.10	4332508.90	224.07	224.07
DISCCART	366564.10	4332608.90	224.82	224.82
DISCCART	366564.10	4332708.90	223.92	223.92
DISCCART	366564.10	4332808.90	224.34	225.10
DISCCART	366564.10	4332908.90	219.99	225.28
DISCCART	366564.10	4333008.90	219.32	219.32
DISCCART	366564.10	4333108.90	219.18	219.18
DISCCART	366589.50	4333206.80	218.45	218.45
DISCCART	366590.60	4328029.70	262.41	271.21
DISCCART	366622.80	4327935.00	268.72	271.92
DISCCART	366636.60	4333295.00	218.15	218.15
DISCCART	366655.00	4327840.30	269.39	269.39
DISCCART	366657.30	4327833.70	269.20	269.20
DISCCART	366659.60	4333337.90	218.19	218.19
DISCCART	366664.10	4327808.90	268.37	268.37
DISCCART	366664.10	4327908.90	268.12	271.73
DISCCART	366664.10	4328008.90	259.97	271.92
DISCCART	366664.10	4328108.90	257.04	271.21
DISCCART	366664.10	4328208.90	255.96	255.96

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	366664.10	4328308.90	252.32	262.90
DISCCART	366664.10	4328408.90	251.93	251.93
DISCCART	366664.10	4328508.90	256.27	256.27
DISCCART	366664.10	4328608.90	258.70	258.70
DISCCART	366664.10	4328708.90	262.09	262.09
DISCCART	366664.10	4328808.90	266.07	266.07
DISCCART	366664.10	4328908.90	271.58	271.58
DISCCART	366664.10	4329008.90	276.49	279.95
DISCCART	366664.10	4329108.90	282.93	285.60
DISCCART	366664.10	4329208.90	288.26	288.26
DISCCART	366664.10	4329308.90	284.57	290.90
DISCCART	366664.10	4329408.90	282.98	290.83
DISCCART	366664.10	4329508.90	282.35	285.24
DISCCART	366664.10	4329608.90	276.70	280.58
DISCCART	366664.10	4329708.90	278.67	278.67
DISCCART	366664.10	4329808.90	277.38	278.94
DISCCART	366664.10	4329908.90	283.17	288.20
DISCCART	366664.10	4330008.90	284.23	289.25
DISCCART	366664.10	4330108.90	283.12	283.12
DISCCART	366664.10	4330208.90	284.09	292.95
DISCCART	366664.10	4330308.90	285.28	285.28
DISCCART	366664.10	4330408.90	287.91	292.44
DISCCART	366664.10	4330508.90	294.17	294.17
DISCCART	366664.10	4330608.90	298.55	303.52
DISCCART	366664.10	4330708.90	303.69	303.69
DISCCART	366664.10	4330808.90	307.79	307.79
DISCCART	366664.10	4330908.90	309.74	309.74
DISCCART	366664.10	4331008.90	271.50	311.34
DISCCART	366664.10	4331108.90	230.42	311.34
DISCCART	366664.10	4331208.90	226.77	311.34
DISCCART	366664.10	4331308.90	226.68	311.34
DISCCART	366664.10	4331408.90	226.99	311.34
DISCCART	366664.10	4331508.90	226.13	311.34
DISCCART	366664.10	4331608.90	225.90	311.34
DISCCART	366664.10	4331708.90	225.39	311.34
DISCCART	366664.10	4331808.90	224.93	224.93
DISCCART	366664.10	4331908.90	226.15	227.49
DISCCART	366664.10	4332008.90	225.20	225.20
DISCCART	366664.10	4332108.90	224.22	224.22
DISCCART	366664.10	4332208.90	224.60	224.60
DISCCART	366664.10	4332308.90	226.70	226.70
DISCCART	366664.10	4332408.90	226.20	226.20
DISCCART	366664.10	4332508.90	224.76	230.62
DISCCART	366664.10	4332608.90	224.38	225.04
DISCCART	366664.10	4332708.90	224.44	224.44
DISCCART	366664.10	4332808.90	225.27	225.27
DISCCART	366664.10	4332908.90	223.10	223.10
DISCCART	366664.10	4333008.90	219.52	224.58
DISCCART	366664.10	4333108.90	218.94	218.94
DISCCART	366664.10	4333208.90	219.44	219.44
DISCCART	366664.10	4333308.90	219.04	219.04
DISCCART	366674.70	4327742.30	266.10	266.10
DISCCART	366690.10	4333379.20	218.44	218.44
DISCCART	366690.30	4327251.60	262.27	282.42

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DISCCART	366691.20	4327246.40	262.35	282.42
DISCCART	366693.40	4327644.10	263.44	263.44
DISCCART	366696.50	4327346.10	262.36	277.89
DISCCART	366703.00	4327445.90	262.75	262.75
DISCCART	366708.10	4327147.80	264.37	283.99
DISCCART	366709.50	4327545.70	263.14	263.14
DISCCART	366710.20	4327555.90	263.12	263.12
DISCCART	366725.00	4327049.30	267.72	287.70
DISCCART	366730.00	4327020.10	268.91	287.70
DISCCART	366749.40	4333459.70	218.96	218.96
DISCCART	366763.50	4326958.20	270.93	289.63
DISCCART	366764.10	4327008.90	272.15	287.70
DISCCART	366764.10	4327108.90	272.47	272.75
DISCCART	366764.10	4327208.90	270.67	278.59
DISCCART	366764.10	4327308.90	268.97	281.49
DISCCART	366764.10	4327408.90	264.73	275.09
DISCCART	366764.10	4327508.90	261.18	263.34
DISCCART	366764.10	4327608.90	259.10	263.75
DISCCART	366764.10	4327708.90	257.19	268.28
DISCCART	366764.10	4327808.90	259.97	269.62
DISCCART	366764.10	4327908.90	260.38	271.14
DISCCART	366764.10	4328008.90	255.98	271.73
DISCCART	366764.10	4328108.90	255.84	255.84
DISCCART	366764.10	4328208.90	255.94	255.94
DISCCART	366764.10	4328308.90	256.30	256.30
DISCCART	366764.10	4328408.90	251.36	251.36
DISCCART	366764.10	4328508.90	253.32	253.32
DISCCART	366764.10	4328608.90	256.34	257.49
DISCCART	366764.10	4328708.90	260.68	260.68
DISCCART	366764.10	4328808.90	264.44	264.44
DISCCART	366764.10	4328908.90	269.37	269.37
DISCCART	366764.10	4329008.90	273.04	279.90
DISCCART	366764.10	4329108.90	276.37	276.37
DISCCART	366764.10	4329208.90	282.67	284.96
DISCCART	366764.10	4329308.90	287.11	287.11
DISCCART	366764.10	4329408.90	280.98	285.15
DISCCART	366764.10	4329508.90	274.31	281.29
DISCCART	366764.10	4329608.90	270.46	274.18
DISCCART	366764.10	4329708.90	272.21	276.74
DISCCART	366764.10	4329808.90	270.32	283.84
DISCCART	366764.10	4329908.90	273.64	288.20
DISCCART	366764.10	4330008.90	276.24	276.24
DISCCART	366764.10	4330108.90	279.81	286.11
DISCCART	366764.10	4330208.90	286.47	286.47
DISCCART	366764.10	4330308.90	289.95	291.92
DISCCART	366764.10	4330408.90	295.35	295.35
DISCCART	366764.10	4330508.90	296.45	296.45
DISCCART	366764.10	4330608.90	298.36	298.36
DISCCART	366764.10	4330708.90	303.73	303.73
DISCCART	366764.10	4330808.90	306.48	309.09
DISCCART	366764.10	4330908.90	306.49	306.49
DISCCART	366764.10	4331008.90	278.44	311.34
DISCCART	366764.10	4331108.90	237.30	311.34
DISCCART	366764.10	4331208.90	226.37	311.34

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DISCCART	366764.10	4331308.90	227.23	311.34
DISCCART	366764.10	4331408.90	227.01	311.34
DISCCART	366764.10	4331508.90	226.49	311.34
DISCCART	366764.10	4331608.90	225.90	311.34
DISCCART	366764.10	4331708.90	225.48	311.34
DISCCART	366764.10	4331808.90	224.99	224.99
DISCCART	366764.10	4331908.90	225.25	225.25
DISCCART	366764.10	4332008.90	224.86	224.86
DISCCART	366764.10	4332108.90	224.41	224.41
DISCCART	366764.10	4332208.90	224.92	224.92
DISCCART	366764.10	4332308.90	227.07	227.07
DISCCART	366764.10	4332408.90	225.97	225.97
DISCCART	366764.10	4332508.90	226.29	230.56
DISCCART	366764.10	4332608.90	224.97	230.60
DISCCART	366764.10	4332708.90	223.36	225.45
DISCCART	366764.10	4332808.90	224.08	224.08
DISCCART	366764.10	4332908.90	224.67	224.67
DISCCART	366764.10	4333008.90	223.50	223.50
DISCCART	366764.10	4333108.90	223.31	223.31
DISCCART	366764.10	4333208.90	219.01	224.85
DISCCART	366764.10	4333308.90	219.43	219.43
DISCCART	366764.10	4333408.90	219.27	219.27
DISCCART	366808.70	4333540.30	218.97	218.97
DISCCART	366811.10	4326870.20	274.12	291.73
DISCCART	366858.70	4326782.30	277.18	292.47
DISCCART	366864.10	4326808.90	278.70	292.47
DISCCART	366864.10	4326908.90	286.25	287.37
DISCCART	366864.10	4327008.90	283.64	283.64
DISCCART	366864.10	4327108.90	276.69	276.69
DISCCART	366864.10	4327208.90	278.11	284.15
DISCCART	366864.10	4327308.90	277.87	278.79
DISCCART	366864.10	4327408.90	271.42	275.48
DISCCART	366864.10	4327508.90	265.87	265.87
DISCCART	366864.10	4327608.90	263.51	277.06
DISCCART	366864.10	4327708.90	260.60	260.60
DISCCART	366864.10	4327808.90	258.57	258.57
DISCCART	366864.10	4327908.90	256.14	256.14
DISCCART	366864.10	4328008.90	256.11	256.11
DISCCART	366864.10	4328108.90	255.85	255.85
DISCCART	366864.10	4328208.90	255.78	255.78
DISCCART	366864.10	4328308.90	255.68	255.68
DISCCART	366864.10	4328408.90	252.20	252.20
DISCCART	366864.10	4328508.90	252.10	252.10
DISCCART	366864.10	4328608.90	253.56	253.56
DISCCART	366864.10	4328708.90	258.22	258.22
DISCCART	366864.10	4328808.90	262.69	262.69
DISCCART	366864.10	4328908.90	266.04	266.04
DISCCART	366864.10	4329008.90	269.15	269.15
DISCCART	366864.10	4329108.90	275.51	283.04
DISCCART	366864.10	4329208.90	283.78	283.78
DISCCART	366864.10	4329308.90	288.01	288.01
DISCCART	366864.10	4329408.90	283.13	287.49
DISCCART	366864.10	4329508.90	275.64	278.16
DISCCART	366864.10	4329608.90	267.33	270.06

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DISCCART	366864.10	4329708.90	268.04	268.83
DISCCART	366864.10	4329808.90	270.70	280.56
DISCCART	366864.10	4329908.90	275.46	285.33
DISCCART	366864.10	4330008.90	280.65	290.16
DISCCART	366864.10	4330108.90	287.44	291.37
DISCCART	366864.10	4330208.90	290.87	290.87
DISCCART	366864.10	4330308.90	292.91	293.50
DISCCART	366864.10	4330408.90	296.88	298.65
DISCCART	366864.10	4330508.90	299.52	302.53
DISCCART	366864.10	4330608.90	302.94	302.94
DISCCART	366864.10	4330708.90	302.62	302.62
DISCCART	366864.10	4330808.90	286.17	311.34
DISCCART	366864.10	4330908.90	276.27	311.34
DISCCART	366864.10	4331008.90	283.34	311.34
DISCCART	366864.10	4331108.90	240.66	311.34
DISCCART	366864.10	4331208.90	226.67	311.34
DISCCART	366864.10	4331308.90	227.24	311.34
DISCCART	366864.10	4331408.90	226.84	311.34
DISCCART	366864.10	4331508.90	226.67	311.34
DISCCART	366864.10	4331608.90	226.35	311.34
DISCCART	366864.10	4331708.90	225.03	311.34
DISCCART	366864.10	4331808.90	224.91	224.91
DISCCART	366864.10	4331908.90	225.07	225.07
DISCCART	366864.10	4332008.90	225.58	225.58
DISCCART	366864.10	4332108.90	225.56	225.56
DISCCART	366864.10	4332208.90	225.20	225.20
DISCCART	366864.10	4332308.90	226.96	226.96
DISCCART	366864.10	4332408.90	226.10	226.10
DISCCART	366864.10	4332508.90	226.00	226.00
DISCCART	366864.10	4332608.90	226.55	230.60
DISCCART	366864.10	4332708.90	224.57	230.44
DISCCART	366864.10	4332808.90	224.43	224.43
DISCCART	366864.10	4332908.90	224.49	224.49
DISCCART	366864.10	4333008.90	225.60	225.60
DISCCART	366864.10	4333108.90	224.39	224.39
DISCCART	366864.10	4333208.90	224.07	224.07
DISCCART	366864.10	4333308.90	218.77	226.06
DISCCART	366864.10	4333408.90	219.22	219.22
DISCCART	366864.10	4333508.90	219.33	219.33
DISCCART	366864.10	4333608.90	219.00	219.00
DISCCART	366868.00	4333620.80	218.89	218.89
DISCCART	366906.30	4326694.30	280.16	292.20
DISCCART	366926.30	4333699.90	218.62	218.62
DISCCART	366927.50	4333701.10	218.63	218.63
DISCCART	366953.80	4326606.40	282.45	291.15
DISCCART	366964.10	4326608.90	282.89	291.21
DISCCART	366964.10	4326708.90	290.18	290.18
DISCCART	366964.10	4326808.90	289.10	292.47
DISCCART	366964.10	4326908.90	288.88	288.88
DISCCART	366964.10	4327008.90	282.67	282.67
DISCCART	366964.10	4327108.90	281.16	287.30
DISCCART	366964.10	4327208.90	284.56	286.09
DISCCART	366964.10	4327308.90	279.01	283.28
DISCCART	366964.10	4327408.90	271.98	271.98

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DISCCART	366964.10	4327508.90	269.46	279.59
DISCCART	366964.10	4327608.90	272.02	279.05
DISCCART	366964.10	4327708.90	267.62	273.64
DISCCART	366964.10	4327808.90	262.65	262.65
DISCCART	366964.10	4327908.90	257.12	257.12
DISCCART	366964.10	4328008.90	254.58	255.84
DISCCART	366964.10	4328108.90	256.07	256.07
DISCCART	366964.10	4328208.90	255.70	255.70
DISCCART	366964.10	4328308.90	254.98	254.98
DISCCART	366964.10	4328408.90	254.54	254.54
DISCCART	366964.10	4328508.90	251.44	251.44
DISCCART	366964.10	4328608.90	251.31	251.31
DISCCART	366964.10	4328708.90	257.26	258.24
DISCCART	366964.10	4328808.90	259.97	259.97
DISCCART	366964.10	4328908.90	262.57	262.57
DISCCART	366964.10	4329008.90	266.74	266.74
DISCCART	366964.10	4329108.90	272.93	280.67
DISCCART	366964.10	4329208.90	281.25	281.25
DISCCART	366964.10	4329308.90	283.46	284.61
DISCCART	366964.10	4329408.90	280.76	285.31
DISCCART	366964.10	4329508.90	272.58	274.02
DISCCART	366964.10	4329608.90	264.98	264.98
DISCCART	366964.10	4329708.90	267.74	269.41
DISCCART	366964.10	4329808.90	277.18	278.18
DISCCART	366964.10	4329908.90	282.97	282.97
DISCCART	366964.10	4330008.90	285.55	285.55
DISCCART	366964.10	4330108.90	287.40	287.40
DISCCART	366964.10	4330208.90	288.13	291.31
DISCCART	366964.10	4330308.90	290.28	291.87
DISCCART	366964.10	4330408.90	291.91	298.68
DISCCART	366964.10	4330508.90	294.16	301.73
DISCCART	366964.10	4330608.90	297.69	303.99
DISCCART	366964.10	4330708.90	302.10	302.10
DISCCART	366964.10	4330808.90	303.43	303.43
DISCCART	366964.10	4330908.90	294.31	306.20
DISCCART	366964.10	4331008.90	262.99	311.34
DISCCART	366964.10	4331108.90	237.67	311.34
DISCCART	366964.10	4331208.90	226.85	311.34
DISCCART	366964.10	4331308.90	227.55	311.34
DISCCART	366964.10	4331408.90	226.44	311.34
DISCCART	366964.10	4331508.90	226.76	311.34
DISCCART	366964.10	4331608.90	230.16	311.34
DISCCART	366964.10	4331708.90	225.06	311.34
DISCCART	366964.10	4331808.90	224.82	224.82
DISCCART	366964.10	4331908.90	224.50	224.50
DISCCART	366964.10	4332008.90	225.21	225.21
DISCCART	366964.10	4332108.90	225.85	225.85
DISCCART	366964.10	4332208.90	225.31	225.31
DISCCART	366964.10	4332308.90	226.39	226.39
DISCCART	366964.10	4332408.90	225.90	225.90
DISCCART	366964.10	4332508.90	225.96	225.96
DISCCART	366964.10	4332608.90	226.21	226.21
DISCCART	366964.10	4332708.90	225.31	230.66
DISCCART	366964.10	4332808.90	224.64	230.61

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DISCCART	366964.10	4332908.90	224.23	224.23
DISCCART	366964.10	4333008.90	223.81	223.81
DISCCART	366964.10	4333108.90	225.66	225.66
DISCCART	366964.10	4333208.90	225.06	225.06
DISCCART	366964.10	4333308.90	224.23	224.23
DISCCART	366964.10	4333408.90	221.39	225.12
DISCCART	366964.10	4333508.90	220.04	220.04
DISCCART	366964.10	4333608.90	219.20	219.20
DISCCART	366964.10	4333708.90	219.18	219.18
DISCCART	366995.00	4333775.00	218.69	218.69
DISCCART	367001.40	4326518.40	281.79	291.70
DISCCART	367049.00	4326430.40	278.35	291.70
DISCCART	367062.40	4333848.80	218.13	218.13
DISCCART	367064.10	4326408.90	277.29	291.44
DISCCART	367064.10	4326508.90	284.75	286.10
DISCCART	367064.10	4326608.90	287.82	287.82
DISCCART	367064.10	4326708.90	290.42	290.74
DISCCART	367064.10	4326808.90	291.98	292.98
DISCCART	367064.10	4326908.90	291.25	291.25
DISCCART	367064.10	4327008.90	285.67	285.67
DISCCART	367064.10	4327108.90	286.47	290.51
DISCCART	367064.10	4327208.90	286.83	286.83
DISCCART	367064.10	4327308.90	275.68	288.79
DISCCART	367064.10	4327408.90	274.67	283.21
DISCCART	367064.10	4327508.90	277.55	278.17
DISCCART	367064.10	4327608.90	278.28	280.29
DISCCART	367064.10	4327708.90	268.15	280.82
DISCCART	367064.10	4327808.90	265.19	275.25
DISCCART	367064.10	4327908.90	263.81	269.45
DISCCART	367064.10	4328008.90	256.44	269.54
DISCCART	367064.10	4328108.90	254.85	254.85
DISCCART	367064.10	4328208.90	254.78	254.78
DISCCART	367064.10	4328308.90	254.66	254.66
DISCCART	367064.10	4328408.90	255.14	255.14
DISCCART	367064.10	4328508.90	250.94	254.14
DISCCART	367064.10	4328608.90	250.96	250.96
DISCCART	367064.10	4328708.90	254.54	254.54
DISCCART	367064.10	4328808.90	257.43	257.43
DISCCART	367064.10	4328908.90	262.61	262.61
DISCCART	367064.10	4329008.90	267.00	267.00
DISCCART	367064.10	4329108.90	272.29	277.94
DISCCART	367064.10	4329208.90	277.95	277.95
DISCCART	367064.10	4329308.90	273.01	285.31
DISCCART	367064.10	4329408.90	270.21	287.49
DISCCART	367064.10	4329508.90	266.05	285.55
DISCCART	367064.10	4329608.90	263.26	263.26
DISCCART	367064.10	4329708.90	268.91	269.71
DISCCART	367064.10	4329808.90	272.27	272.27
DISCCART	367064.10	4329908.90	273.40	283.55
DISCCART	367064.10	4330008.90	275.09	287.50
DISCCART	367064.10	4330108.90	277.26	288.12
DISCCART	367064.10	4330208.90	279.13	290.38
DISCCART	367064.10	4330308.90	281.81	292.59
DISCCART	367064.10	4330408.90	284.66	289.74

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DISCCART	367064.10	4330508.90	288.38	301.09
DISCCART	367064.10	4330608.90	298.58	301.09
DISCCART	367064.10	4330708.90	302.53	302.53
DISCCART	367064.10	4330808.90	304.37	305.97
DISCCART	367064.10	4330908.90	301.36	304.32
DISCCART	367064.10	4331008.90	272.42	311.34
DISCCART	367064.10	4331108.90	241.66	311.34
DISCCART	367064.10	4331208.90	226.70	311.34
DISCCART	367064.10	4331308.90	226.79	311.34
DISCCART	367064.10	4331408.90	226.74	311.34
DISCCART	367064.10	4331508.90	227.29	311.34
DISCCART	367064.10	4331608.90	225.29	311.34
DISCCART	367064.10	4331708.90	225.76	301.38
DISCCART	367064.10	4331808.90	226.27	226.27
DISCCART	367064.10	4331908.90	224.36	224.36
DISCCART	367064.10	4332008.90	224.79	224.79
DISCCART	367064.10	4332108.90	225.35	225.35
DISCCART	367064.10	4332208.90	225.15	225.15
DISCCART	367064.10	4332308.90	226.36	226.36
DISCCART	367064.10	4332408.90	225.92	225.92
DISCCART	367064.10	4332508.90	225.85	225.85
DISCCART	367064.10	4332608.90	226.16	226.16
DISCCART	367064.10	4332708.90	225.39	225.39
DISCCART	367064.10	4332808.90	225.23	230.55
DISCCART	367064.10	4332908.90	224.95	230.50
DISCCART	367064.10	4333008.90	224.49	224.49
DISCCART	367064.10	4333108.90	225.21	225.21
DISCCART	367064.10	4333208.90	225.25	225.25
DISCCART	367064.10	4333308.90	225.35	225.35
DISCCART	367064.10	4333408.90	224.52	224.52
DISCCART	367064.10	4333508.90	223.75	223.75
DISCCART	367064.10	4333608.90	219.59	226.10
DISCCART	367064.10	4333708.90	218.83	218.83
DISCCART	367064.10	4333808.90	218.90	218.90
DISCCART	367096.60	4326342.50	274.38	287.77
DISCCART	367129.50	4333922.10	217.78	217.78
DISCCART	367130.00	4333922.40	217.77	217.77
DISCCART	367144.20	4326254.50	270.48	286.86
DISCCART	367164.10	4326308.90	274.99	274.99
DISCCART	367164.10	4326408.90	277.47	277.47
DISCCART	367164.10	4326508.90	281.57	281.57
DISCCART	367164.10	4326608.90	285.00	285.00
DISCCART	367164.10	4326708.90	286.26	289.79
DISCCART	367164.10	4326808.90	291.57	291.57
DISCCART	367164.10	4326908.90	293.76	293.76
DISCCART	367164.10	4327008.90	291.37	292.54
DISCCART	367164.10	4327108.90	289.88	291.94
DISCCART	367164.10	4327208.90	286.90	287.57
DISCCART	367164.10	4327308.90	280.89	287.55
DISCCART	367164.10	4327408.90	282.94	284.25
DISCCART	367164.10	4327508.90	284.35	284.35
DISCCART	367164.10	4327608.90	279.27	286.10
DISCCART	367164.10	4327708.90	276.51	276.51
DISCCART	367164.10	4327808.90	274.78	274.78

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367164.10	4327908.90	269.21	269.21
DISCCART	367164.10	4328008.90	260.89	266.97
DISCCART	367164.10	4328108.90	253.90	253.90
DISCCART	367164.10	4328208.90	251.56	251.56
DISCCART	367164.10	4328308.90	254.05	254.05
DISCCART	367164.10	4328408.90	254.18	254.18
DISCCART	367164.10	4328508.90	252.70	252.70
DISCCART	367164.10	4328608.90	250.48	250.48
DISCCART	367164.10	4328708.90	253.41	253.41
DISCCART	367164.10	4328808.90	255.76	257.74
DISCCART	367164.10	4328908.90	261.78	261.78
DISCCART	367164.10	4329008.90	265.17	265.17
DISCCART	367164.10	4329108.90	270.46	272.25
DISCCART	367164.10	4329208.90	275.73	276.27
DISCCART	367164.10	4329308.90	269.13	275.71
DISCCART	367164.10	4329408.90	263.48	285.31
DISCCART	367164.10	4329508.90	261.05	284.28
DISCCART	367164.10	4329608.90	263.87	263.87
DISCCART	367164.10	4329708.90	265.96	286.36
DISCCART	367164.10	4329808.90	267.49	289.13
DISCCART	367164.10	4329908.90	269.67	271.82
DISCCART	367164.10	4330008.90	272.88	272.88
DISCCART	367164.10	4330108.90	278.57	290.64
DISCCART	367164.10	4330208.90	287.20	290.64
DISCCART	367164.10	4330308.90	286.63	292.32
DISCCART	367164.10	4330408.90	289.59	289.59
DISCCART	367164.10	4330508.90	296.90	298.80
DISCCART	367164.10	4330608.90	299.44	299.44
DISCCART	367164.10	4330708.90	299.22	300.77
DISCCART	367164.10	4330808.90	300.85	300.85
DISCCART	367164.10	4330908.90	297.84	301.59
DISCCART	367164.10	4331008.90	272.59	306.20
DISCCART	367164.10	4331108.90	249.40	311.34
DISCCART	367164.10	4331208.90	226.67	311.34
DISCCART	367164.10	4331308.90	227.28	311.34
DISCCART	367164.10	4331408.90	227.47	311.34
DISCCART	367164.10	4331508.90	227.32	311.34
DISCCART	367164.10	4331608.90	225.24	311.34
DISCCART	367164.10	4331708.90	225.84	301.53
DISCCART	367164.10	4331808.90	225.45	225.45
DISCCART	367164.10	4331908.90	224.87	224.87
DISCCART	367164.10	4332008.90	223.92	223.92
DISCCART	367164.10	4332108.90	225.08	225.08
DISCCART	367164.10	4332208.90	224.32	224.32
DISCCART	367164.10	4332308.90	226.58	226.58
DISCCART	367164.10	4332408.90	225.69	225.69
DISCCART	367164.10	4332508.90	225.71	225.71
DISCCART	367164.10	4332608.90	225.88	225.88
DISCCART	367164.10	4332708.90	225.78	225.78
DISCCART	367164.10	4332808.90	225.61	225.61
DISCCART	367164.10	4332908.90	225.13	230.48
DISCCART	367164.10	4333008.90	225.95	230.36
DISCCART	367164.10	4333108.90	225.12	225.12
DISCCART	367164.10	4333208.90	225.89	225.89

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367164.10	4333308.90	225.85	225.85
DISCCART	367164.10	4333408.90	226.26	226.26
DISCCART	367164.10	4333508.90	223.16	223.16
DISCCART	367164.10	4333608.90	223.67	225.36
DISCCART	367164.10	4333708.90	219.05	223.93
DISCCART	367164.10	4333808.90	218.46	218.46
DISCCART	367164.10	4333908.90	217.97	217.97
DISCCART	367166.60	4326213.10	268.78	285.66
DISCCART	367194.20	4326168.00	268.42	276.86
DISCCART	367215.80	4333973.90	217.98	217.98
DISCCART	367246.30	4326082.60	270.63	270.63
DISCCART	367264.10	4326108.90	266.59	271.15
DISCCART	367264.10	4326208.90	272.59	272.59
DISCCART	367264.10	4326308.90	276.82	277.72
DISCCART	367264.10	4326408.90	280.12	280.12
DISCCART	367264.10	4326508.90	286.27	286.27
DISCCART	367264.10	4326608.90	288.51	288.51
DISCCART	367264.10	4326708.90	290.74	290.74
DISCCART	367264.10	4326808.90	291.89	291.89
DISCCART	367264.10	4326908.90	292.11	292.11
DISCCART	367264.10	4327008.90	292.58	292.58
DISCCART	367264.10	4327108.90	292.43	292.43
DISCCART	367264.10	4327208.90	289.99	289.99
DISCCART	367264.10	4327308.90	289.35	289.35
DISCCART	367264.10	4327408.90	289.08	289.08
DISCCART	367264.10	4327508.90	286.20	286.20
DISCCART	367264.10	4327608.90	280.72	283.99
DISCCART	367264.10	4327708.90	276.15	279.80
DISCCART	367264.10	4327808.90	272.77	276.51
DISCCART	367264.10	4327908.90	265.44	275.76
DISCCART	367264.10	4328008.90	259.00	259.00
DISCCART	367264.10	4328108.90	253.80	253.80
DISCCART	367264.10	4328208.90	250.58	250.58
DISCCART	367264.10	4328308.90	249.50	249.50
DISCCART	367264.10	4328408.90	251.34	252.95
DISCCART	367264.10	4328508.90	251.94	251.94
DISCCART	367264.10	4328608.90	250.35	252.05
DISCCART	367264.10	4328708.90	250.51	250.51
DISCCART	367264.10	4328808.90	254.36	254.36
DISCCART	367264.10	4328908.90	258.99	258.99
DISCCART	367264.10	4329008.90	263.04	263.04
DISCCART	367264.10	4329108.90	266.70	269.47
DISCCART	367264.10	4329208.90	269.20	271.64
DISCCART	367264.10	4329308.90	264.74	274.64
DISCCART	367264.10	4329408.90	258.00	274.14
DISCCART	367264.10	4329508.90	262.41	262.41
DISCCART	367264.10	4329608.90	267.34	273.66
DISCCART	367264.10	4329708.90	274.33	285.50
DISCCART	367264.10	4329808.90	275.90	289.56
DISCCART	367264.10	4329908.90	275.72	291.47
DISCCART	367264.10	4330008.90	278.94	292.86
DISCCART	367264.10	4330108.90	278.63	293.61
DISCCART	367264.10	4330208.90	284.98	293.87
DISCCART	367264.10	4330308.90	293.64	293.64

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367264.10	4330408.90	294.60	294.60
DISCCART	367264.10	4330508.90	298.57	300.17
DISCCART	367264.10	4330608.90	299.40	299.40
DISCCART	367264.10	4330708.90	294.52	298.53
DISCCART	367264.10	4330808.90	296.23	299.93
DISCCART	367264.10	4330908.90	299.92	299.92
DISCCART	367264.10	4331008.90	300.41	300.41
DISCCART	367264.10	4331108.90	259.57	306.20
DISCCART	367264.10	4331208.90	226.58	311.34
DISCCART	367264.10	4331308.90	227.40	311.34
DISCCART	367264.10	4331408.90	226.74	311.34
DISCCART	367264.10	4331508.90	227.32	311.34
DISCCART	367264.10	4331608.90	226.56	305.90
DISCCART	367264.10	4331708.90	225.65	301.53
DISCCART	367264.10	4331808.90	225.15	225.15
DISCCART	367264.10	4331908.90	224.97	224.97
DISCCART	367264.10	4332008.90	225.26	225.26
DISCCART	367264.10	4332108.90	224.65	224.65
DISCCART	367264.10	4332208.90	224.64	227.91
DISCCART	367264.10	4332308.90	226.50	226.50
DISCCART	367264.10	4332408.90	225.58	225.58
DISCCART	367264.10	4332508.90	225.99	225.99
DISCCART	367264.10	4332608.90	225.99	225.99
DISCCART	367264.10	4332708.90	225.45	225.45
DISCCART	367264.10	4332808.90	225.46	225.46
DISCCART	367264.10	4332908.90	225.43	225.43
DISCCART	367264.10	4333008.90	224.94	224.94
DISCCART	367264.10	4333108.90	229.88	229.88
DISCCART	367264.10	4333208.90	225.56	225.56
DISCCART	367264.10	4333308.90	225.97	225.97
DISCCART	367264.10	4333408.90	226.34	226.34
DISCCART	367264.10	4333508.90	226.12	226.12
DISCCART	367264.10	4333608.90	224.40	226.19
DISCCART	367264.10	4333708.90	224.57	224.57
DISCCART	367264.10	4333808.90	218.59	225.27
DISCCART	367264.10	4333908.90	218.19	218.19
DISCCART	367298.50	4325997.30	265.57	273.57
DISCCART	367301.50	4334025.30	217.64	217.64
DISCCART	367312.10	4325975.00	269.77	270.95
DISCCART	367351.80	4334055.50	217.55	241.38
DISCCART	367364.10	4326008.90	267.69	269.25
DISCCART	367364.10	4326108.90	268.38	271.64
DISCCART	367364.10	4326208.90	275.82	280.81
DISCCART	367364.10	4326308.90	282.59	282.59
DISCCART	367364.10	4326408.90	284.23	286.49
DISCCART	367364.10	4326508.90	287.56	287.56
DISCCART	367364.10	4326608.90	289.34	289.34
DISCCART	367364.10	4326708.90	288.77	288.77
DISCCART	367364.10	4326808.90	287.88	287.88
DISCCART	367364.10	4326908.90	287.71	290.47
DISCCART	367364.10	4327008.90	290.49	290.49
DISCCART	367364.10	4327108.90	289.88	289.88
DISCCART	367364.10	4327208.90	285.38	285.38
DISCCART	367364.10	4327308.90	285.04	285.04

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367364.10	4327408.90	284.18	288.96
DISCCART	367364.10	4327508.90	277.89	289.12
DISCCART	367364.10	4327608.90	272.35	285.75
DISCCART	367364.10	4327708.90	268.35	279.39
DISCCART	367364.10	4327808.90	265.71	276.61
DISCCART	367364.10	4327908.90	264.15	264.15
DISCCART	367364.10	4328008.90	260.78	270.66
DISCCART	367364.10	4328108.90	256.49	257.99
DISCCART	367364.10	4328208.90	250.66	250.66
DISCCART	367364.10	4328308.90	248.80	248.80
DISCCART	367364.10	4328408.90	247.76	247.76
DISCCART	367364.10	4328508.90	249.44	249.44
DISCCART	367364.10	4328608.90	245.95	251.67
DISCCART	367364.10	4328708.90	248.09	249.56
DISCCART	367364.10	4328808.90	252.47	252.47
DISCCART	367364.10	4328908.90	256.65	256.65
DISCCART	367364.10	4329008.90	261.18	261.18
DISCCART	367364.10	4329108.90	265.83	265.83
DISCCART	367364.10	4329208.90	261.55	268.95
DISCCART	367364.10	4329308.90	257.69	268.70
DISCCART	367364.10	4329408.90	258.18	262.56
DISCCART	367364.10	4329508.90	264.94	288.63
DISCCART	367364.10	4329608.90	271.94	287.40
DISCCART	367364.10	4329708.90	275.26	289.36
DISCCART	367364.10	4329808.90	285.17	289.33
DISCCART	367364.10	4329908.90	284.36	292.49
DISCCART	367364.10	4330008.90	287.27	293.63
DISCCART	367364.10	4330108.90	288.60	293.44
DISCCART	367364.10	4330208.90	285.96	293.84
DISCCART	367364.10	4330308.90	294.00	295.03
DISCCART	367364.10	4330408.90	300.12	300.12
DISCCART	367364.10	4330508.90	300.53	301.97
DISCCART	367364.10	4330608.90	300.09	300.09
DISCCART	367364.10	4330708.90	294.80	294.80
DISCCART	367364.10	4330808.90	291.39	291.39
DISCCART	367364.10	4330908.90	294.50	294.50
DISCCART	367364.10	4331008.90	298.23	298.23
DISCCART	367364.10	4331108.90	260.79	306.20
DISCCART	367364.10	4331208.90	226.77	311.34
DISCCART	367364.10	4331308.90	226.93	311.34
DISCCART	367364.10	4331408.90	227.11	311.34
DISCCART	367364.10	4331508.90	227.07	306.20
DISCCART	367364.10	4331608.90	227.26	301.53
DISCCART	367364.10	4331708.90	224.30	301.53
DISCCART	367364.10	4331808.90	225.25	228.75
DISCCART	367364.10	4331908.90	225.05	225.05
DISCCART	367364.10	4332008.90	225.28	225.28
DISCCART	367364.10	4332108.90	224.98	224.98
DISCCART	367364.10	4332208.90	225.17	225.17
DISCCART	367364.10	4332308.90	225.86	225.86
DISCCART	367364.10	4332408.90	225.47	225.47
DISCCART	367364.10	4332508.90	226.53	226.53
DISCCART	367364.10	4332608.90	225.77	225.77
DISCCART	367364.10	4332708.90	225.50	225.50

Appendix D. Attainment Demonstration Modeling Input Files

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DISCCART 367364.10 4332808.90 225.51 225.51
DISCCART 367364.10 4332908.90 225.46 225.46
DISCCART 367364.10 4333008.90 225.66 225.66
DISCCART 367364.10 4333108.90 225.61 225.61
DISCCART 367364.10 4333208.90 226.56 230.19
DISCCART 367364.10 4333308.90 225.30 230.10
DISCCART 367364.10 4333408.90 224.57 224.57
DISCCART 367364.10 4333508.90 225.62 225.62
DISCCART 367364.10 4333608.90 225.82 225.82
DISCCART 367364.10 4333708.90 223.52 226.35
DISCCART 367364.10 4333808.90 223.29 223.29
DISCCART 367364.10 4333908.90 217.68 224.27
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KCTOP08-12.SFC
PROFFILE KCTOP08-12.PFL
SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60
UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT
PROFBASE 231.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 4-25
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID3.DAT
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG3.PLT
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG3.PLT
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUNG3.PLT
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG3.PLT
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G3.PLT
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG3.PLT
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G3.PLT
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G3.PLT
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG3.PLT
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG3.PLT
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG3.PLT
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG3.PLT
**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G3.PLT
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G3.PLT
**OU PLOTFILE 1 BV9 4TH 01H4GPTEBV9G3.PLT
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG3.PLT
OU FINISHED
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Sub-grid 4

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*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 4 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
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Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59
SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44
SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23
SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

BACKGRND ANNUAL 13.0

Appendix D. Attainment Demonstration Modeling Input Files

BACKUNIT PPB
** Source Parameters **
**Buffer Sources

**Blue Valley with NG switch in Rule
SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764
SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764
SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574
**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764
**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764
**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574
SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down
**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2
**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD
**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192
**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616
**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144
SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192
SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368
SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below
**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914
**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914
**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152
**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2
**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152
**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1
**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152
**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152
SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914
SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914
SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152
SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2
SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152
SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1
SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152
SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536
SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914
**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184
**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672
SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184
SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.7611111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.7611111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.7611111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.7611111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.7611111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.7611111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219
SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384
SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651
SO SRCPARAM PC1 0.000438371 5 1.1628 4.651

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651
SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651
SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAUX 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528
**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984

Appendix D. Attainment Demonstration Modeling Input Files

**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528

**2010 Actuals below from KS to determine actual impact

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55
SO YBADJ VEP3	0.93	-0.72	-2.34	-3.89	-6.13	-7.45

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 -8.54 -9.38 -9.93 -10.17 -10.11 -9.74
SO YBADJ VEP3 -9.08 -7.79 -6.75 -5.50 -4.09 -2.55
SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3
SO SRCGROUP BV BV3 BV4 BV5 BV9
SO SRCGROUP IATAN IATAN06 IATAN30
SO SRCGROUP HALL HALL1 HALL2
SO SRCGROUP RMC RMC1-RMC3
SO SRCGROUP HAWTH6 HAWTH6
SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901
SO SRCGROUP SIB5A SIB5A
SO SRCGROUP SIB5B SIB5B
SO SRCGROUP SIB5C SIB5C
**SO SRCGROUP MOCITY MOCITY5 MOCITY6
SO SRCGROUP NAGC NAGC3 NAGC4
**SO SRCGROUP ATTB ATT4
SO SRCGROUP CMH CMH1
SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11
SO SRCGROUP GAP GAP1
SO SRCGROUP SIMR SIMR1
SO SRCGROUP APAC APACKS3 APACKS4
SO SRCGROUP AUD AUD77
SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24
SO SRCGROUP FS FS07 FS10
SO SRCGROUP MPC MPC01 MPC02
SO SRCGROUP MKA MKA08 MKA09
**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12
SO SRCGROUP GM GM39 GM46 GM49
SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28
SO SRCGROUP LOL LOL5
SO SRCGROUP PC PC1
SO SRCGROUP MBB MBB29
SO SRCGROUP BMSI BMSI4
SO SRCGROUP SBAC SBAC05 SBAC06
SO SRCGROUP SR SR14
SO SRCGROUP CL CL2
SO SRCGROUP USPS USPS1
SO SRCGROUP A1 A11
SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111
SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2
SO SRCGROUP BMB BMB2 BMB3 BMB1
SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32
SO SRCGROUP ALC ALC3 ALC4
SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8
SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481
SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX
SO SRCGROUP GMKS GM4
SO SRCGROUP MC MC1 MC2
SO SRCGROUP MAC MAC2 MAC7
SO SRCGROUP SPRNT SPRNT4 SPRNT13
SO SRCGROUP ARC ARCW9 ARCH9

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCGROUP GK GK1
SO SRCGROUP ALL BACKGROUND

SO FINISHED

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** AERMOD Receptor Pathway

**

**

RE STARTING

RE ELEVUNIT METERS

DISCCART	367364.10	4334008.90	218.08	218.08
DISCCART	367385.90	4325972.90	266.93	266.93
DISCCART	367390.40	4334070.30	217.34	242.28
DISCCART	367464.10	4326008.90	263.19	263.98
DISCCART	367464.10	4326108.90	268.23	268.23
DISCCART	367464.10	4326208.90	276.19	278.93
DISCCART	367464.10	4326308.90	284.34	284.34
DISCCART	367464.10	4326408.90	288.16	288.16
DISCCART	367464.10	4326508.90	287.94	287.94
DISCCART	367464.10	4326608.90	286.78	286.78
DISCCART	367464.10	4326708.90	280.97	285.99
DISCCART	367464.10	4326808.90	281.10	284.60
DISCCART	367464.10	4326908.90	282.50	285.56
DISCCART	367464.10	4327008.90	287.80	287.80
DISCCART	367464.10	4327108.90	287.39	287.39
DISCCART	367464.10	4327208.90	282.19	283.49
DISCCART	367464.10	4327308.90	276.27	276.27
DISCCART	367464.10	4327408.90	279.03	286.13
DISCCART	367464.10	4327508.90	282.14	282.69
DISCCART	367464.10	4327608.90	280.02	280.99
DISCCART	367464.10	4327708.90	277.08	279.69
DISCCART	367464.10	4327808.90	274.89	277.53
DISCCART	367464.10	4327908.90	272.19	275.86
DISCCART	367464.10	4328008.90	269.38	269.38
DISCCART	367464.10	4328108.90	258.36	273.39
DISCCART	367464.10	4328208.90	252.15	252.15
DISCCART	367464.10	4328308.90	248.79	248.79
DISCCART	367464.10	4328408.90	245.62	246.15
DISCCART	367464.10	4328508.90	245.81	245.81
DISCCART	367464.10	4328608.90	245.21	245.21
DISCCART	367464.10	4328708.90	247.95	250.51
DISCCART	367464.10	4328808.90	251.44	251.44
DISCCART	367464.10	4328908.90	254.21	254.21
DISCCART	367464.10	4329008.90	260.44	260.44
DISCCART	367464.10	4329108.90	259.79	264.92
DISCCART	367464.10	4329208.90	255.48	255.48
DISCCART	367464.10	4329308.90	255.99	255.99
DISCCART	367464.10	4329408.90	262.02	276.68
DISCCART	367464.10	4329508.90	268.83	288.99
DISCCART	367464.10	4329608.90	277.52	289.23
DISCCART	367464.10	4329708.90	281.43	289.57
DISCCART	367464.10	4329808.90	286.43	290.22

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367464.10	4329908.90	291.60	291.60
DISCCART	367464.10	4330008.90	292.87	292.87
DISCCART	367464.10	4330108.90	294.20	295.25
DISCCART	367464.10	4330208.90	294.88	294.88
DISCCART	367464.10	4330308.90	294.67	295.53
DISCCART	367464.10	4330408.90	297.65	297.65
DISCCART	367464.10	4330508.90	294.27	298.24
DISCCART	367464.10	4330608.90	295.02	299.13
DISCCART	367464.10	4330708.90	294.62	295.69
DISCCART	367464.10	4330808.90	288.64	290.32
DISCCART	367464.10	4330908.90	286.16	299.06
DISCCART	367464.10	4331008.90	294.90	294.90
DISCCART	367464.10	4331108.90	262.55	301.59
DISCCART	367464.10	4331208.90	227.09	311.34
DISCCART	367464.10	4331308.90	226.59	306.20
DISCCART	367464.10	4331408.90	226.84	306.20
DISCCART	367464.10	4331508.90	227.21	305.90
DISCCART	367464.10	4331608.90	227.42	301.53
DISCCART	367464.10	4331708.90	225.99	301.53
DISCCART	367464.10	4331808.90	225.06	225.06
DISCCART	367464.10	4331908.90	224.82	224.82
DISCCART	367464.10	4332008.90	224.97	224.97
DISCCART	367464.10	4332108.90	224.53	224.53
DISCCART	367464.10	4332208.90	223.81	226.84
DISCCART	367464.10	4332308.90	225.66	225.66
DISCCART	367464.10	4332408.90	224.91	224.91
DISCCART	367464.10	4332508.90	225.81	225.81
DISCCART	367464.10	4332608.90	225.86	225.86
DISCCART	367464.10	4332708.90	225.49	225.49
DISCCART	367464.10	4332808.90	225.46	225.46
DISCCART	367464.10	4332908.90	225.53	225.53
DISCCART	367464.10	4333008.90	225.20	225.20
DISCCART	367464.10	4333108.90	225.19	225.19
DISCCART	367464.10	4333208.90	225.42	225.42
DISCCART	367464.10	4333308.90	225.41	230.17
DISCCART	367464.10	4333408.90	224.92	230.19
DISCCART	367464.10	4333508.90	224.41	224.41
DISCCART	367464.10	4333608.90	225.04	225.04
DISCCART	367464.10	4333708.90	224.20	224.20
DISCCART	367464.10	4333808.90	221.94	225.84
DISCCART	367464.10	4333908.90	223.18	223.18
DISCCART	367464.10	4334008.90	218.10	218.10
DISCCART	367483.70	4334106.20	217.30	242.80
DISCCART	367485.90	4325970.10	263.42	284.16
DISCCART	367564.10	4326008.90	260.69	263.04
DISCCART	367564.10	4326108.90	267.00	271.05
DISCCART	367564.10	4326208.90	275.77	275.77
DISCCART	367564.10	4326308.90	281.23	282.01
DISCCART	367564.10	4326408.90	283.54	286.15
DISCCART	367564.10	4326508.90	285.94	285.94
DISCCART	367564.10	4326608.90	279.77	284.12
DISCCART	367564.10	4326708.90	277.93	282.63
DISCCART	367564.10	4326808.90	278.97	278.97
DISCCART	367564.10	4326908.90	286.41	286.41

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367564.10	4327008.90	286.28	286.28
DISCCART	367564.10	4327108.90	277.47	288.15
DISCCART	367564.10	4327208.90	275.60	286.26
DISCCART	367564.10	4327308.90	270.80	283.02
DISCCART	367564.10	4327408.90	270.87	282.84
DISCCART	367564.10	4327508.90	276.84	276.84
DISCCART	367564.10	4327608.90	275.85	275.85
DISCCART	367564.10	4327708.90	273.87	278.37
DISCCART	367564.10	4327808.90	275.04	278.06
DISCCART	367564.10	4327908.90	274.40	274.40
DISCCART	367564.10	4328008.90	270.77	270.77
DISCCART	367564.10	4328108.90	260.62	271.41
DISCCART	367564.10	4328208.90	253.19	253.19
DISCCART	367564.10	4328308.90	249.70	249.70
DISCCART	367564.10	4328408.90	247.63	250.67
DISCCART	367564.10	4328508.90	247.61	247.61
DISCCART	367564.10	4328608.90	244.74	244.74
DISCCART	367564.10	4328708.90	248.97	248.97
DISCCART	367564.10	4328808.90	248.55	248.55
DISCCART	367564.10	4328908.90	249.98	249.98
DISCCART	367564.10	4329008.90	252.16	252.16
DISCCART	367564.10	4329108.90	252.49	253.59
DISCCART	367564.10	4329208.90	254.04	254.04
DISCCART	367564.10	4329308.90	258.29	264.41
DISCCART	367564.10	4329408.90	266.60	266.60
DISCCART	367564.10	4329508.90	274.72	278.04
DISCCART	367564.10	4329608.90	280.24	289.54
DISCCART	367564.10	4329708.90	289.04	289.04
DISCCART	367564.10	4329808.90	286.97	289.64
DISCCART	367564.10	4329908.90	285.51	291.30
DISCCART	367564.10	4330008.90	284.70	293.59
DISCCART	367564.10	4330108.90	287.17	294.18
DISCCART	367564.10	4330208.90	291.84	291.84
DISCCART	367564.10	4330308.90	297.75	297.75
DISCCART	367564.10	4330408.90	296.92	298.23
DISCCART	367564.10	4330508.90	293.07	293.07
DISCCART	367564.10	4330608.90	287.20	287.20
DISCCART	367564.10	4330708.90	287.32	291.71
DISCCART	367564.10	4330808.90	288.10	288.10
DISCCART	367564.10	4330908.90	282.47	295.00
DISCCART	367564.10	4331008.90	290.61	290.61
DISCCART	367564.10	4331108.90	264.52	301.53
DISCCART	367564.10	4331208.90	227.16	306.20
DISCCART	367564.10	4331308.90	226.70	306.20
DISCCART	367564.10	4331408.90	226.84	306.20
DISCCART	367564.10	4331508.90	227.37	301.53
DISCCART	367564.10	4331608.90	227.43	301.53
DISCCART	367564.10	4331708.90	226.00	300.45
DISCCART	367564.10	4331808.90	225.14	225.14
DISCCART	367564.10	4331908.90	224.95	224.95
DISCCART	367564.10	4332008.90	225.07	225.07
DISCCART	367564.10	4332108.90	224.74	224.74
DISCCART	367564.10	4332208.90	223.77	226.95
DISCCART	367564.10	4332308.90	225.41	225.41

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	367564.10	4332408.90	225.24	225.24
DISCCART	367564.10	4332508.90	225.85	225.85
DISCCART	367564.10	4332608.90	225.62	225.62
DISCCART	367564.10	4332708.90	225.46	225.46
DISCCART	367564.10	4332808.90	225.98	225.98
DISCCART	367564.10	4332908.90	225.11	225.11
DISCCART	367564.10	4333008.90	224.89	224.89
DISCCART	367564.10	4333108.90	225.49	225.49
DISCCART	367564.10	4333208.90	224.94	224.94
DISCCART	367564.10	4333308.90	224.64	224.64
DISCCART	367564.10	4333408.90	224.89	237.43
DISCCART	367564.10	4333508.90	224.80	237.43
DISCCART	367564.10	4333608.90	224.51	224.51
DISCCART	367564.10	4333708.90	224.42	224.42
DISCCART	367564.10	4333808.90	224.88	224.88
DISCCART	367564.10	4333908.90	222.10	222.10
DISCCART	367564.10	4334008.90	217.94	217.94
DISCCART	367564.10	4334108.90	217.64	217.64
DISCCART	367577.10	4334142.10	217.62	243.16
DISCCART	367585.80	4325967.40	259.58	287.59
DISCCART	367664.10	4326008.90	258.48	285.36
DISCCART	367664.10	4326108.90	264.89	264.89
DISCCART	367664.10	4326208.90	270.94	273.88
DISCCART	367664.10	4326308.90	270.92	285.57
DISCCART	367664.10	4326408.90	280.08	284.86
DISCCART	367664.10	4326508.90	280.96	284.33
DISCCART	367664.10	4326608.90	276.10	279.46
DISCCART	367664.10	4326708.90	274.02	274.02
DISCCART	367664.10	4326808.90	282.47	283.07
DISCCART	367664.10	4326908.90	287.28	287.28
DISCCART	367664.10	4327008.90	286.35	286.35
DISCCART	367664.10	4327108.90	280.46	288.15
DISCCART	367664.10	4327208.90	275.26	275.26
DISCCART	367664.10	4327308.90	270.37	270.37
DISCCART	367664.10	4327408.90	263.82	275.87
DISCCART	367664.10	4327508.90	268.30	273.45
DISCCART	367664.10	4327608.90	267.13	272.21
DISCCART	367664.10	4327708.90	266.25	267.65
DISCCART	367664.10	4327808.90	267.27	274.53
DISCCART	367664.10	4327908.90	266.52	272.57
DISCCART	367664.10	4328008.90	265.81	266.44
DISCCART	367664.10	4328108.90	262.79	263.83
DISCCART	367664.10	4328208.90	255.39	255.39
DISCCART	367664.10	4328308.90	250.90	250.90
DISCCART	367664.10	4328408.90	251.47	251.47
DISCCART	367664.10	4328508.90	247.71	247.71
DISCCART	367664.10	4328608.90	245.61	245.61
DISCCART	367664.10	4328708.90	245.00	245.00
DISCCART	367664.10	4328808.90	244.77	247.58
DISCCART	367664.10	4328908.90	250.41	250.41
DISCCART	367664.10	4329008.90	250.76	251.91
DISCCART	367664.10	4329108.90	253.73	253.73
DISCCART	367664.10	4329208.90	256.42	257.73
DISCCART	367664.10	4329308.90	260.03	260.03

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DISCCART	367664.10	4329408.90	265.35	267.47
DISCCART	367664.10	4329508.90	271.80	271.80
DISCCART	367664.10	4329608.90	275.83	289.98
DISCCART	367664.10	4329708.90	285.23	285.80
DISCCART	367664.10	4329808.90	280.08	289.13
DISCCART	367664.10	4329908.90	275.20	292.80
DISCCART	367664.10	4330008.90	274.34	294.08
DISCCART	367664.10	4330108.90	279.25	290.99
DISCCART	367664.10	4330208.90	285.53	294.93
DISCCART	367664.10	4330308.90	290.62	297.34
DISCCART	367664.10	4330408.90	295.45	296.49
DISCCART	367664.10	4330508.90	295.19	295.19
DISCCART	367664.10	4330608.90	288.98	292.95
DISCCART	367664.10	4330708.90	284.21	288.82
DISCCART	367664.10	4330808.90	281.51	281.51
DISCCART	367664.10	4330908.90	279.12	288.16
DISCCART	367664.10	4331008.90	285.39	285.39
DISCCART	367664.10	4331108.90	261.75	301.53
DISCCART	367664.10	4331208.90	226.96	306.20
DISCCART	367664.10	4331308.90	226.55	306.13
DISCCART	367664.10	4331408.90	227.01	301.59
DISCCART	367664.10	4331508.90	227.50	301.53
DISCCART	367664.10	4331608.90	226.96	301.53
DISCCART	367664.10	4331708.90	225.90	225.90
DISCCART	367664.10	4331808.90	225.79	225.79
DISCCART	367664.10	4331908.90	225.38	225.38
DISCCART	367664.10	4332008.90	224.93	224.93
DISCCART	367664.10	4332108.90	224.95	224.95
DISCCART	367664.10	4332208.90	224.09	226.92
DISCCART	367664.10	4332308.90	224.99	224.99
DISCCART	367664.10	4332408.90	226.00	226.00
DISCCART	367664.10	4332508.90	226.16	226.16
DISCCART	367664.10	4332608.90	225.90	225.90
DISCCART	367664.10	4332708.90	225.75	225.75
DISCCART	367664.10	4332808.90	225.40	225.40
DISCCART	367664.10	4332908.90	225.53	225.53
DISCCART	367664.10	4333008.90	224.72	224.72
DISCCART	367664.10	4333108.90	224.94	224.94
DISCCART	367664.10	4333208.90	224.94	224.94
DISCCART	367664.10	4333308.90	224.45	235.67
DISCCART	367664.10	4333408.90	227.63	237.43
DISCCART	367664.10	4333508.90	235.12	237.25
DISCCART	367664.10	4333608.90	224.48	237.43
DISCCART	367664.10	4333708.90	225.25	225.65
DISCCART	367664.10	4333808.90	222.54	225.89
DISCCART	367664.10	4333908.90	224.61	225.98
DISCCART	367664.10	4334008.90	219.71	223.66
DISCCART	367664.10	4334108.90	217.83	217.83
DISCCART	367670.40	4334178.00	217.52	242.63
DISCCART	367685.80	4325964.60	257.65	288.17
DISCCART	367763.80	4334213.90	217.46	261.00
DISCCART	367764.10	4326008.90	257.32	285.36
DISCCART	367764.10	4326108.90	260.47	260.47
DISCCART	367764.10	4326208.90	267.23	272.54

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DISCCART	367764.10	4326308.90	275.06	275.06
DISCCART	367764.10	4326408.90	278.44	278.44
DISCCART	367764.10	4326508.90	274.01	280.72
DISCCART	367764.10	4326608.90	269.73	278.32
DISCCART	367764.10	4326708.90	270.79	282.39
DISCCART	367764.10	4326808.90	276.25	283.64
DISCCART	367764.10	4326908.90	282.68	282.68
DISCCART	367764.10	4327008.90	287.78	287.78
DISCCART	367764.10	4327108.90	286.48	286.48
DISCCART	367764.10	4327208.90	282.54	282.54
DISCCART	367764.10	4327308.90	275.00	278.56
DISCCART	367764.10	4327408.90	268.34	270.03
DISCCART	367764.10	4327508.90	260.91	260.91
DISCCART	367764.10	4327608.90	258.17	258.17
DISCCART	367764.10	4327708.90	257.02	271.59
DISCCART	367764.10	4327808.90	258.17	271.59
DISCCART	367764.10	4327908.90	258.48	263.62
DISCCART	367764.10	4328008.90	258.43	261.73
DISCCART	367764.10	4328108.90	257.52	258.85
DISCCART	367764.10	4328208.90	256.27	256.27
DISCCART	367764.10	4328308.90	251.91	251.91
DISCCART	367764.10	4328408.90	250.17	250.17
DISCCART	367764.10	4328508.90	247.05	247.05
DISCCART	367764.10	4328608.90	245.24	245.24
DISCCART	367764.10	4328708.90	245.47	245.47
DISCCART	367764.10	4328808.90	245.24	248.19
DISCCART	367764.10	4328908.90	250.02	250.02
DISCCART	367764.10	4329008.90	252.17	252.17
DISCCART	367764.10	4329108.90	255.75	255.75
DISCCART	367764.10	4329208.90	258.61	263.23
DISCCART	367764.10	4329308.90	263.80	266.54
DISCCART	367764.10	4329408.90	268.46	268.46
DISCCART	367764.10	4329508.90	273.32	276.42
DISCCART	367764.10	4329608.90	271.32	287.65
DISCCART	367764.10	4329708.90	275.76	285.80
DISCCART	367764.10	4329808.90	270.58	289.55
DISCCART	367764.10	4329908.90	269.13	269.13
DISCCART	367764.10	4330008.90	273.01	279.52
DISCCART	367764.10	4330108.90	281.06	290.19
DISCCART	367764.10	4330208.90	289.18	289.18
DISCCART	367764.10	4330308.90	294.65	294.65
DISCCART	367764.10	4330408.90	292.07	296.05
DISCCART	367764.10	4330508.90	290.22	294.33
DISCCART	367764.10	4330608.90	292.12	292.12
DISCCART	367764.10	4330708.90	290.26	290.26
DISCCART	367764.10	4330808.90	284.35	284.35
DISCCART	367764.10	4330908.90	278.43	278.43
DISCCART	367764.10	4331008.90	277.87	282.48
DISCCART	367764.10	4331108.90	263.97	294.82
DISCCART	367764.10	4331208.90	226.86	305.88
DISCCART	367764.10	4331308.90	226.83	301.54
DISCCART	367764.10	4331408.90	227.17	301.53
DISCCART	367764.10	4331508.90	227.67	301.53
DISCCART	367764.10	4331608.90	226.83	299.87

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DISCCART	367764.10	4331708.90	226.65	226.65
DISCCART	367764.10	4331808.90	225.77	225.77
DISCCART	367764.10	4331908.90	225.78	225.78
DISCCART	367764.10	4332008.90	225.07	225.07
DISCCART	367764.10	4332108.90	225.24	225.24
DISCCART	367764.10	4332208.90	225.00	227.04
DISCCART	367764.10	4332308.90	225.54	225.54
DISCCART	367764.10	4332408.90	225.50	225.50
DISCCART	367764.10	4332508.90	225.86	225.86
DISCCART	367764.10	4332608.90	225.78	225.78
DISCCART	367764.10	4332708.90	225.80	225.80
DISCCART	367764.10	4332808.90	224.98	224.98
DISCCART	367764.10	4332908.90	224.79	224.79
DISCCART	367764.10	4333008.90	224.46	224.46
DISCCART	367764.10	4333108.90	224.54	224.54
DISCCART	367764.10	4333208.90	224.19	230.19
DISCCART	367764.10	4333308.90	231.47	231.47
DISCCART	367764.10	4333408.90	225.05	236.73
DISCCART	367764.10	4333508.90	225.24	237.25
DISCCART	367764.10	4333608.90	229.98	230.16
DISCCART	367764.10	4333708.90	224.81	224.81
DISCCART	367764.10	4333808.90	224.45	224.45
DISCCART	367764.10	4333908.90	225.10	225.10
DISCCART	367764.10	4334008.90	223.06	223.06
DISCCART	367764.10	4334108.90	217.77	217.77
DISCCART	367764.10	4334208.90	217.44	260.84
DISCCART	367764.50	4334214.20	217.47	261.00
DISCCART	367785.70	4325961.80	257.37	287.15
DISCCART	367788.40	4325961.70	257.38	287.15
DISCCART	367858.70	4334245.30	217.45	261.62
DISCCART	367864.10	4326008.90	254.88	283.62
DISCCART	367864.10	4326108.90	262.08	262.08
DISCCART	367864.10	4326208.90	268.83	268.83
DISCCART	367864.10	4326308.90	271.86	275.09
DISCCART	367864.10	4326408.90	269.21	277.35
DISCCART	367864.10	4326508.90	266.76	274.54
DISCCART	367864.10	4326608.90	267.58	279.86
DISCCART	367864.10	4326708.90	273.17	282.96
DISCCART	367864.10	4326808.90	281.36	284.55
DISCCART	367864.10	4326908.90	286.70	286.70
DISCCART	367864.10	4327008.90	288.29	288.29
DISCCART	367864.10	4327108.90	281.84	287.59
DISCCART	367864.10	4327208.90	278.26	284.00
DISCCART	367864.10	4327308.90	277.61	277.61
DISCCART	367864.10	4327408.90	270.29	274.34
DISCCART	367864.10	4327508.90	262.50	262.50
DISCCART	367864.10	4327608.90	262.64	265.67
DISCCART	367864.10	4327708.90	257.30	259.74
DISCCART	367864.10	4327808.90	256.23	256.64
DISCCART	367864.10	4327908.90	252.82	252.82
DISCCART	367864.10	4328008.90	250.32	271.59
DISCCART	367864.10	4328108.90	248.86	271.12
DISCCART	367864.10	4328208.90	248.18	249.41
DISCCART	367864.10	4328308.90	250.50	250.50

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DISCCART	367864.10	4328408.90	250.56	250.56
DISCCART	367864.10	4328508.90	243.62	249.42
DISCCART	367864.10	4328608.90	244.13	244.13
DISCCART	367864.10	4328708.90	244.24	244.24
DISCCART	367864.10	4328808.90	246.56	246.56
DISCCART	367864.10	4328908.90	249.19	249.19
DISCCART	367864.10	4329008.90	254.41	254.41
DISCCART	367864.10	4329108.90	257.06	257.06
DISCCART	367864.10	4329208.90	258.94	258.94
DISCCART	367864.10	4329308.90	262.30	262.30
DISCCART	367864.10	4329408.90	263.00	269.40
DISCCART	367864.10	4329508.90	265.70	271.81
DISCCART	367864.10	4329608.90	267.02	267.02
DISCCART	367864.10	4329708.90	266.45	285.70
DISCCART	367864.10	4329808.90	264.64	268.50
DISCCART	367864.10	4329908.90	270.00	282.41
DISCCART	367864.10	4330008.90	278.37	278.37
DISCCART	367864.10	4330108.90	284.00	284.00
DISCCART	367864.10	4330208.90	289.62	292.62
DISCCART	367864.10	4330308.90	292.96	292.96
DISCCART	367864.10	4330408.90	288.56	288.56
DISCCART	367864.10	4330508.90	282.22	290.77
DISCCART	367864.10	4330608.90	283.36	290.62
DISCCART	367864.10	4330708.90	287.77	287.77
DISCCART	367864.10	4330808.90	281.29	287.59
DISCCART	367864.10	4330908.90	276.88	276.88
DISCCART	367864.10	4331008.90	275.46	275.46
DISCCART	367864.10	4331108.90	261.32	288.93
DISCCART	367864.10	4331208.90	226.41	301.53
DISCCART	367864.10	4331308.90	226.68	301.53
DISCCART	367864.10	4331408.90	226.60	301.53
DISCCART	367864.10	4331508.90	227.24	299.87
DISCCART	367864.10	4331608.90	226.87	226.87
DISCCART	367864.10	4331708.90	226.79	226.79
DISCCART	367864.10	4331808.90	225.77	225.77
DISCCART	367864.10	4331908.90	225.85	225.85
DISCCART	367864.10	4332008.90	226.42	226.42
DISCCART	367864.10	4332108.90	225.30	225.30
DISCCART	367864.10	4332208.90	226.91	226.91
DISCCART	367864.10	4332308.90	225.69	225.69
DISCCART	367864.10	4332408.90	225.43	225.43
DISCCART	367864.10	4332508.90	226.67	226.67
DISCCART	367864.10	4332608.90	225.87	225.87
DISCCART	367864.10	4332708.90	225.83	225.83
DISCCART	367864.10	4332808.90	224.78	224.78
DISCCART	367864.10	4332908.90	225.17	225.17
DISCCART	367864.10	4333008.90	224.14	224.14
DISCCART	367864.10	4333108.90	223.99	227.17
DISCCART	367864.10	4333208.90	225.66	227.84
DISCCART	367864.10	4333308.90	223.77	223.77
DISCCART	367864.10	4333408.90	223.82	223.82
DISCCART	367864.10	4333508.90	223.99	223.99
DISCCART	367864.10	4333608.90	224.53	230.07
DISCCART	367864.10	4333708.90	225.40	227.70

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DISCCART	367864.10	4333808.90	224.99	224.99
DISCCART	367864.10	4333908.90	225.24	225.24
DISCCART	367864.10	4334008.90	224.59	224.59
DISCCART	367864.10	4334108.90	219.08	223.45
DISCCART	367864.10	4334208.90	217.76	261.62
DISCCART	367882.80	4325938.10	257.81	285.36
DISCCART	367953.70	4334276.60	217.43	267.87
DISCCART	367964.10	4326008.90	254.09	281.35
DISCCART	367964.10	4326108.90	259.81	263.74
DISCCART	367964.10	4326208.90	262.05	262.05
DISCCART	367964.10	4326308.90	264.86	264.86
DISCCART	367964.10	4326408.90	262.33	262.33
DISCCART	367964.10	4326508.90	263.98	263.98
DISCCART	367964.10	4326608.90	270.49	270.49
DISCCART	367964.10	4326708.90	276.63	281.46
DISCCART	367964.10	4326808.90	282.68	282.68
DISCCART	367964.10	4326908.90	285.86	287.80
DISCCART	367964.10	4327008.90	287.89	287.89
DISCCART	367964.10	4327108.90	281.74	288.07
DISCCART	367964.10	4327208.90	277.55	286.81
DISCCART	367964.10	4327308.90	269.85	285.97
DISCCART	367964.10	4327408.90	266.78	266.78
DISCCART	367964.10	4327508.90	268.12	268.28
DISCCART	367964.10	4327608.90	265.53	269.21
DISCCART	367964.10	4327708.90	262.16	262.16
DISCCART	367964.10	4327808.90	261.95	266.18
DISCCART	367964.10	4327908.90	257.61	271.59
DISCCART	367964.10	4328008.90	258.43	271.94
DISCCART	367964.10	4328108.90	253.55	272.58
DISCCART	367964.10	4328208.90	250.82	269.70
DISCCART	367964.10	4328308.90	248.46	248.46
DISCCART	367964.10	4328408.90	247.62	247.62
DISCCART	367964.10	4328508.90	247.20	247.20
DISCCART	367964.10	4328608.90	239.36	240.66
DISCCART	367964.10	4328708.90	241.17	243.53
DISCCART	367964.10	4328808.90	245.53	245.53
DISCCART	367964.10	4328908.90	248.27	248.27
DISCCART	367964.10	4329008.90	252.70	252.70
DISCCART	367964.10	4329108.90	257.38	257.38
DISCCART	367964.10	4329208.90	255.71	255.71
DISCCART	367964.10	4329308.90	257.78	257.78
DISCCART	367964.10	4329408.90	256.97	256.97
DISCCART	367964.10	4329508.90	257.66	264.64
DISCCART	367964.10	4329608.90	264.07	264.07
DISCCART	367964.10	4329708.90	265.62	265.62
DISCCART	367964.10	4329808.90	268.38	271.01
DISCCART	367964.10	4329908.90	276.50	277.37
DISCCART	367964.10	4330008.90	283.30	283.30
DISCCART	367964.10	4330108.90	287.55	287.55
DISCCART	367964.10	4330208.90	289.99	290.37
DISCCART	367964.10	4330308.90	289.15	289.15
DISCCART	367964.10	4330408.90	286.05	286.05
DISCCART	367964.10	4330508.90	283.57	283.57
DISCCART	367964.10	4330608.90	278.38	278.38

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DISCCART	367964.10	4330708.90	282.11	282.11
DISCCART	367964.10	4330808.90	281.63	281.63
DISCCART	367964.10	4330908.90	276.89	276.89
DISCCART	367964.10	4331008.90	274.21	274.21
DISCCART	367964.10	4331108.90	261.42	275.82
DISCCART	367964.10	4331208.90	226.26	301.53
DISCCART	367964.10	4331308.90	226.34	301.53
DISCCART	367964.10	4331408.90	226.22	299.32
DISCCART	367964.10	4331508.90	227.55	291.97
DISCCART	367964.10	4331608.90	226.86	226.86
DISCCART	367964.10	4331708.90	226.37	226.37
DISCCART	367964.10	4331808.90	225.81	225.81
DISCCART	367964.10	4331908.90	226.22	226.22
DISCCART	367964.10	4332008.90	225.95	225.95
DISCCART	367964.10	4332108.90	224.97	224.97
DISCCART	367964.10	4332208.90	226.72	227.10
DISCCART	367964.10	4332308.90	225.26	225.26
DISCCART	367964.10	4332408.90	225.71	225.71
DISCCART	367964.10	4332508.90	226.26	226.26
DISCCART	367964.10	4332608.90	226.46	226.46
DISCCART	367964.10	4332708.90	226.29	226.29
DISCCART	367964.10	4332808.90	224.84	224.84
DISCCART	367964.10	4332908.90	224.53	224.53
DISCCART	367964.10	4333008.90	226.02	226.02
DISCCART	367964.10	4333108.90	224.79	224.79
DISCCART	367964.10	4333208.90	225.13	225.13
DISCCART	367964.10	4333308.90	224.11	224.11
DISCCART	367964.10	4333408.90	224.31	224.31
DISCCART	367964.10	4333508.90	224.02	224.02
DISCCART	367964.10	4333608.90	224.57	224.57
DISCCART	367964.10	4333708.90	227.39	227.39
DISCCART	367964.10	4333808.90	225.03	225.03
DISCCART	367964.10	4333908.90	224.74	224.74
DISCCART	367964.10	4334008.90	224.08	224.08
DISCCART	367964.10	4334108.90	222.30	222.30
DISCCART	367964.10	4334208.90	218.14	261.01
DISCCART	367979.80	4325913.90	258.19	281.46
DISCCART	368048.70	4334307.90	217.57	267.87
DISCCART	368064.10	4325908.90	257.54	279.50
DISCCART	368064.10	4326008.90	251.54	279.50
DISCCART	368064.10	4326108.90	254.28	255.74
DISCCART	368064.10	4326208.90	257.40	259.01
DISCCART	368064.10	4326308.90	261.73	261.73
DISCCART	368064.10	4326408.90	266.07	266.07
DISCCART	368064.10	4326508.90	269.15	283.60
DISCCART	368064.10	4326608.90	269.54	284.68
DISCCART	368064.10	4326708.90	271.70	284.88
DISCCART	368064.10	4326808.90	274.92	284.46
DISCCART	368064.10	4326908.90	283.44	284.75
DISCCART	368064.10	4327008.90	288.13	288.13
DISCCART	368064.10	4327108.90	288.17	289.78
DISCCART	368064.10	4327208.90	281.03	287.78
DISCCART	368064.10	4327308.90	272.60	287.93
DISCCART	368064.10	4327408.90	271.50	279.84

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DISCCART	368064.10	4327508.90	274.11	277.85
DISCCART	368064.10	4327608.90	266.37	279.65
DISCCART	368064.10	4327708.90	269.91	279.12
DISCCART	368064.10	4327808.90	264.55	280.35
DISCCART	368064.10	4327908.90	264.55	272.70
DISCCART	368064.10	4328008.90	271.21	271.21
DISCCART	368064.10	4328108.90	265.12	268.79
DISCCART	368064.10	4328208.90	258.05	262.97
DISCCART	368064.10	4328308.90	251.08	257.37
DISCCART	368064.10	4328408.90	247.32	247.32
DISCCART	368064.10	4328508.90	244.58	244.58
DISCCART	368064.10	4328608.90	244.36	244.36
DISCCART	368064.10	4328708.90	240.21	240.21
DISCCART	368064.10	4328808.90	244.55	244.55
DISCCART	368064.10	4328908.90	245.08	245.08
DISCCART	368064.10	4329008.90	245.47	254.99
DISCCART	368064.10	4329108.90	251.43	251.43
DISCCART	368064.10	4329208.90	251.80	251.80
DISCCART	368064.10	4329308.90	251.07	251.07
DISCCART	368064.10	4329408.90	253.16	253.16
DISCCART	368064.10	4329508.90	257.98	257.98
DISCCART	368064.10	4329608.90	263.21	263.21
DISCCART	368064.10	4329708.90	266.00	266.00
DISCCART	368064.10	4329808.90	268.80	280.83
DISCCART	368064.10	4329908.90	273.41	280.98
DISCCART	368064.10	4330008.90	277.35	284.17
DISCCART	368064.10	4330108.90	280.48	288.38
DISCCART	368064.10	4330208.90	283.37	284.11
DISCCART	368064.10	4330308.90	283.94	283.94
DISCCART	368064.10	4330408.90	281.70	281.70
DISCCART	368064.10	4330508.90	279.47	282.98
DISCCART	368064.10	4330608.90	277.10	277.10
DISCCART	368064.10	4330708.90	272.98	282.19
DISCCART	368064.10	4330808.90	273.26	280.15
DISCCART	368064.10	4330908.90	272.95	272.95
DISCCART	368064.10	4331008.90	273.51	273.51
DISCCART	368064.10	4331108.90	259.46	274.50
DISCCART	368064.10	4331208.90	226.29	298.05
DISCCART	368064.10	4331308.90	226.33	296.03
DISCCART	368064.10	4331408.90	226.09	293.10
DISCCART	368064.10	4331508.90	226.84	273.21
DISCCART	368064.10	4331608.90	226.89	226.89
DISCCART	368064.10	4331708.90	225.99	225.99
DISCCART	368064.10	4331808.90	225.97	225.97
DISCCART	368064.10	4331908.90	226.09	226.09
DISCCART	368064.10	4332008.90	225.93	225.93
DISCCART	368064.10	4332108.90	224.90	224.90
DISCCART	368064.10	4332208.90	226.53	226.53
DISCCART	368064.10	4332308.90	225.51	225.51
DISCCART	368064.10	4332408.90	226.21	226.21
DISCCART	368064.10	4332508.90	226.09	226.09
DISCCART	368064.10	4332608.90	226.38	226.38
DISCCART	368064.10	4332708.90	226.36	226.36
DISCCART	368064.10	4332808.90	224.37	224.37

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DISCCART	368064.10	4332908.90	224.59	224.59
DISCCART	368064.10	4333008.90	224.46	224.46
DISCCART	368064.10	4333108.90	224.17	224.17
DISCCART	368064.10	4333208.90	224.84	224.84
DISCCART	368064.10	4333308.90	224.57	224.57
DISCCART	368064.10	4333408.90	224.28	224.28
DISCCART	368064.10	4333508.90	224.28	224.28
DISCCART	368064.10	4333608.90	224.53	224.53
DISCCART	368064.10	4333708.90	228.20	229.74
DISCCART	368064.10	4333808.90	224.80	225.72
DISCCART	368064.10	4333908.90	225.46	225.46
DISCCART	368064.10	4334008.90	224.88	224.88
DISCCART	368064.10	4334108.90	224.63	225.14
DISCCART	368064.10	4334208.90	218.30	224.26
DISCCART	368064.10	4334308.90	217.60	267.87
DISCCART	368076.90	4325889.60	257.18	279.50
DISCCART	368143.60	4334339.20	217.63	267.87
DISCCART	368164.10	4325908.90	253.54	276.10
DISCCART	368164.10	4326008.90	250.17	274.05
DISCCART	368164.10	4326108.90	254.85	254.85
DISCCART	368164.10	4326208.90	261.87	262.59
DISCCART	368164.10	4326308.90	267.68	267.68
DISCCART	368164.10	4326408.90	272.56	276.38
DISCCART	368164.10	4326508.90	279.65	281.08
DISCCART	368164.10	4326608.90	280.06	284.25
DISCCART	368164.10	4326708.90	282.05	284.64
DISCCART	368164.10	4326808.90	281.63	285.66
DISCCART	368164.10	4326908.90	281.71	286.14
DISCCART	368164.10	4327008.90	287.03	289.37
DISCCART	368164.10	4327108.90	290.22	290.22
DISCCART	368164.10	4327208.90	286.48	286.48
DISCCART	368164.10	4327308.90	276.55	286.27
DISCCART	368164.10	4327408.90	277.88	285.33
DISCCART	368164.10	4327508.90	273.92	285.49
DISCCART	368164.10	4327608.90	272.74	278.07
DISCCART	368164.10	4327708.90	278.96	278.96
DISCCART	368164.10	4327808.90	268.47	283.62
DISCCART	368164.10	4327908.90	271.39	273.44
DISCCART	368164.10	4328008.90	273.21	273.21
DISCCART	368164.10	4328108.90	267.73	267.73
DISCCART	368164.10	4328208.90	259.35	259.35
DISCCART	368164.10	4328308.90	253.69	253.69
DISCCART	368164.10	4328408.90	249.11	249.11
DISCCART	368164.10	4328508.90	245.64	245.64
DISCCART	368164.10	4328608.90	241.31	241.31
DISCCART	368164.10	4328708.90	240.41	242.51
DISCCART	368164.10	4328808.90	240.80	244.87
DISCCART	368164.10	4328908.90	244.27	244.27
DISCCART	368164.10	4329008.90	244.99	244.99
DISCCART	368164.10	4329108.90	249.18	249.18
DISCCART	368164.10	4329208.90	248.86	248.86
DISCCART	368164.10	4329308.90	250.13	250.13
DISCCART	368164.10	4329408.90	253.44	253.44
DISCCART	368164.10	4329508.90	259.80	259.80

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DISCCART	368164.10	4329608.90	263.17	263.17
DISCCART	368164.10	4329708.90	267.50	268.45
DISCCART	368164.10	4329808.90	271.05	278.82
DISCCART	368164.10	4329908.90	272.62	280.98
DISCCART	368164.10	4330008.90	273.92	275.58
DISCCART	368164.10	4330108.90	274.85	274.85
DISCCART	368164.10	4330208.90	276.50	281.59
DISCCART	368164.10	4330308.90	278.44	278.44
DISCCART	368164.10	4330408.90	279.78	279.78
DISCCART	368164.10	4330508.90	274.59	276.43
DISCCART	368164.10	4330608.90	273.98	275.05
DISCCART	368164.10	4330708.90	272.67	272.67
DISCCART	368164.10	4330808.90	269.52	269.52
DISCCART	368164.10	4330908.90	268.84	269.47
DISCCART	368164.10	4331008.90	273.25	273.25
DISCCART	368164.10	4331108.90	261.30	274.77
DISCCART	368164.10	4331208.90	226.05	292.50
DISCCART	368164.10	4331308.90	225.94	288.93
DISCCART	368164.10	4331408.90	226.13	278.08
DISCCART	368164.10	4331508.90	227.57	272.50
DISCCART	368164.10	4331608.90	227.56	227.56
DISCCART	368164.10	4331708.90	226.02	226.02
DISCCART	368164.10	4331808.90	226.14	226.14
DISCCART	368164.10	4331908.90	226.10	226.10
DISCCART	368164.10	4332008.90	225.44	225.44
DISCCART	368164.10	4332108.90	225.35	225.35
DISCCART	368164.10	4332208.90	226.62	226.62
DISCCART	368164.10	4332308.90	225.76	225.76
DISCCART	368164.10	4332408.90	225.91	225.91
DISCCART	368164.10	4332508.90	225.80	225.80
DISCCART	368164.10	4332608.90	225.90	225.90
DISCCART	368164.10	4332708.90	225.35	225.35
DISCCART	368164.10	4332808.90	224.52	224.52
DISCCART	368164.10	4332908.90	224.70	224.70
DISCCART	368164.10	4333008.90	224.21	224.21
DISCCART	368164.10	4333108.90	224.06	224.06
DISCCART	368164.10	4333208.90	224.37	224.37
DISCCART	368164.10	4333308.90	224.71	224.71
DISCCART	368164.10	4333408.90	224.20	224.20
DISCCART	368164.10	4333508.90	224.44	224.44
DISCCART	368164.10	4333608.90	223.95	223.95
DISCCART	368164.10	4333708.90	225.34	229.67
DISCCART	368164.10	4333808.90	225.20	225.20
DISCCART	368164.10	4333908.90	225.03	225.44
DISCCART	368164.10	4334008.90	225.34	225.34
DISCCART	368164.10	4334108.90	224.58	224.58
DISCCART	368164.10	4334208.90	221.48	224.04
DISCCART	368164.10	4334308.90	217.94	261.62
DISCCART	368173.90	4325865.40	255.19	274.72
DISCCART	368238.60	4334370.50	217.68	261.62
DISCCART	368264.10	4325908.90	247.88	273.52
DISCCART	368264.10	4326008.90	250.18	253.07
DISCCART	368264.10	4326108.90	257.91	267.14
DISCCART	368264.10	4326208.90	262.57	273.32

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DISCCART	368264.10	4326308.90	269.73	269.73
DISCCART	368264.10	4326408.90	277.37	280.32
DISCCART	368264.10	4326508.90	282.71	282.71
DISCCART	368264.10	4326608.90	282.43	282.60
DISCCART	368264.10	4326708.90	282.65	282.65
DISCCART	368264.10	4326808.90	286.29	286.29
DISCCART	368264.10	4326908.90	287.03	287.03
DISCCART	368264.10	4327008.90	289.06	289.06
DISCCART	368264.10	4327108.90	290.32	290.32
DISCCART	368264.10	4327208.90	284.12	284.12
DISCCART	368264.10	4327308.90	280.33	280.33
DISCCART	368264.10	4327408.90	284.59	287.28
DISCCART	368264.10	4327508.90	280.85	288.31
DISCCART	368264.10	4327608.90	279.94	279.94
DISCCART	368264.10	4327708.90	281.58	283.62
DISCCART	368264.10	4327808.90	274.01	283.90
DISCCART	368264.10	4327908.90	275.65	279.03
DISCCART	368264.10	4328008.90	271.71	278.80
DISCCART	368264.10	4328108.90	261.12	282.97
DISCCART	368264.10	4328208.90	259.30	272.90
DISCCART	368264.10	4328308.90	257.60	266.11
DISCCART	368264.10	4328408.90	254.18	254.18
DISCCART	368264.10	4328508.90	249.73	252.74
DISCCART	368264.10	4328608.90	245.14	245.14
DISCCART	368264.10	4328708.90	239.51	239.51
DISCCART	368264.10	4328808.90	239.32	239.32
DISCCART	368264.10	4328908.90	241.62	241.62
DISCCART	368264.10	4329008.90	244.62	244.62
DISCCART	368264.10	4329108.90	246.10	246.10
DISCCART	368264.10	4329208.90	247.91	247.91
DISCCART	368264.10	4329308.90	250.24	250.24
DISCCART	368264.10	4329408.90	254.34	254.34
DISCCART	368264.10	4329508.90	259.14	259.14
DISCCART	368264.10	4329608.90	261.46	261.46
DISCCART	368264.10	4329708.90	267.06	267.06
DISCCART	368264.10	4329808.90	266.26	270.85
DISCCART	368264.10	4329908.90	267.82	280.98
DISCCART	368264.10	4330008.90	269.46	269.46
DISCCART	368264.10	4330108.90	267.07	267.07
DISCCART	368264.10	4330208.90	268.35	274.49
DISCCART	368264.10	4330308.90	270.87	278.43
DISCCART	368264.10	4330408.90	278.46	278.46
DISCCART	368264.10	4330508.90	275.01	275.01
DISCCART	368264.10	4330608.90	269.85	269.85
DISCCART	368264.10	4330708.90	269.08	269.08
DISCCART	368264.10	4330808.90	266.92	268.21
DISCCART	368264.10	4330908.90	267.03	267.03
DISCCART	368264.10	4331008.90	274.40	274.40
DISCCART	368264.10	4331108.90	259.90	275.08
DISCCART	368264.10	4331208.90	225.47	287.48
DISCCART	368264.10	4331308.90	225.43	279.60
DISCCART	368264.10	4331408.90	226.43	279.60
DISCCART	368264.10	4331508.90	227.33	275.94
DISCCART	368264.10	4331608.90	227.43	227.43

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DISCCART	368264.10	4331708.90	226.39	226.39
DISCCART	368264.10	4331808.90	226.57	226.57
DISCCART	368264.10	4331908.90	225.97	225.97
DISCCART	368264.10	4332008.90	225.31	225.31
DISCCART	368264.10	4332108.90	225.47	225.47
DISCCART	368264.10	4332208.90	226.52	226.52
DISCCART	368264.10	4332308.90	225.77	225.77
DISCCART	368264.10	4332408.90	225.61	225.61
DISCCART	368264.10	4332508.90	224.89	224.89
DISCCART	368264.10	4332608.90	225.44	225.44
DISCCART	368264.10	4332708.90	224.93	224.93
DISCCART	368264.10	4332808.90	224.65	224.65
DISCCART	368264.10	4332908.90	224.49	224.49
DISCCART	368264.10	4333008.90	224.93	224.93
DISCCART	368264.10	4333108.90	224.85	224.85
DISCCART	368264.10	4333208.90	224.92	224.92
DISCCART	368264.10	4333308.90	224.37	224.37
DISCCART	368264.10	4333408.90	224.64	224.64
DISCCART	368264.10	4333508.90	223.95	223.95
DISCCART	368264.10	4333608.90	224.28	224.28
DISCCART	368264.10	4333708.90	224.71	224.71
DISCCART	368264.10	4333808.90	227.72	229.55
DISCCART	368264.10	4333908.90	224.88	224.88
DISCCART	368264.10	4334008.90	224.81	224.81
DISCCART	368264.10	4334108.90	225.39	225.39
DISCCART	368264.10	4334208.90	219.05	225.69
DISCCART	368264.10	4334308.90	218.48	218.48
DISCCART	368264.60	4325842.70	253.28	267.71
DISCCART	368270.90	4325841.00	253.17	267.54
DISCCART	368333.60	4334401.80	217.66	255.94
DISCCART	368342.40	4334404.70	217.63	255.94
DISCCART	368364.10	4325908.90	247.95	247.95
DISCCART	368364.10	4326008.90	252.53	256.47
DISCCART	368364.10	4326108.90	260.09	267.35
DISCCART	368364.10	4326208.90	267.81	267.81
DISCCART	368364.10	4326308.90	270.46	270.46
DISCCART	368364.10	4326408.90	274.93	276.83
DISCCART	368364.10	4326508.90	274.42	281.61
DISCCART	368364.10	4326608.90	271.41	284.29
DISCCART	368364.10	4326708.90	275.63	275.63
DISCCART	368364.10	4326808.90	280.35	283.47
DISCCART	368364.10	4326908.90	284.38	284.38
DISCCART	368364.10	4327008.90	286.36	286.36
DISCCART	368364.10	4327108.90	289.89	289.89
DISCCART	368364.10	4327208.90	289.42	289.42
DISCCART	368364.10	4327308.90	285.31	285.31
DISCCART	368364.10	4327408.90	289.01	290.05
DISCCART	368364.10	4327508.90	285.22	290.84
DISCCART	368364.10	4327608.90	281.99	281.99
DISCCART	368364.10	4327708.90	283.27	289.20
DISCCART	368364.10	4327808.90	277.93	289.49
DISCCART	368364.10	4327908.90	281.40	281.40
DISCCART	368364.10	4328008.90	271.71	286.40
DISCCART	368364.10	4328108.90	266.83	288.23

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DISCCART	368364.10	4328208.90	267.22	285.42
DISCCART	368364.10	4328308.90	265.61	267.52
DISCCART	368364.10	4328408.90	257.52	265.24
DISCCART	368364.10	4328508.90	250.11	250.11
DISCCART	368364.10	4328608.90	245.39	245.39
DISCCART	368364.10	4328708.90	242.15	242.15
DISCCART	368364.10	4328808.90	238.23	238.23
DISCCART	368364.10	4328908.90	239.66	239.66
DISCCART	368364.10	4329008.90	243.55	243.55
DISCCART	368364.10	4329108.90	246.20	246.20
DISCCART	368364.10	4329208.90	247.62	247.62
DISCCART	368364.10	4329308.90	250.65	250.65
DISCCART	368364.10	4329408.90	251.92	251.92
DISCCART	368364.10	4329508.90	254.78	256.25
DISCCART	368364.10	4329608.90	258.55	258.55
DISCCART	368364.10	4329708.90	260.02	266.97
DISCCART	368364.10	4329808.90	259.12	259.12
DISCCART	368364.10	4329908.90	263.65	267.46
DISCCART	368364.10	4330008.90	265.22	267.55
DISCCART	368364.10	4330108.90	261.39	264.49
DISCCART	368364.10	4330208.90	263.39	275.08
DISCCART	368364.10	4330308.90	272.59	272.59
DISCCART	368364.10	4330408.90	275.91	275.91
DISCCART	368364.10	4330508.90	271.57	276.27
DISCCART	368364.10	4330608.90	271.15	271.15
DISCCART	368364.10	4330708.90	263.33	263.33
DISCCART	368364.10	4330808.90	263.64	263.64
DISCCART	368364.10	4330908.90	265.41	265.41
DISCCART	368364.10	4331008.90	274.11	274.11
DISCCART	368364.10	4331108.90	262.34	278.05
DISCCART	368364.10	4331208.90	225.00	282.02
DISCCART	368364.10	4331308.90	226.26	282.02
DISCCART	368364.10	4331408.90	226.59	279.60
DISCCART	368364.10	4331508.90	226.40	278.20
DISCCART	368364.10	4331608.90	227.26	227.26
DISCCART	368364.10	4331708.90	226.51	226.51
DISCCART	368364.10	4331808.90	226.53	226.53
DISCCART	368364.10	4331908.90	226.06	226.06
DISCCART	368364.10	4332008.90	225.47	225.47
DISCCART	368364.10	4332108.90	225.14	225.14
DISCCART	368364.10	4332208.90	226.51	226.51
DISCCART	368364.10	4332308.90	224.76	232.41
DISCCART	368364.10	4332408.90	225.94	225.94
DISCCART	368364.10	4332508.90	225.25	225.25
DISCCART	368364.10	4332608.90	224.67	224.67
DISCCART	368364.10	4332708.90	224.46	224.46
DISCCART	368364.10	4332808.90	224.51	224.51
DISCCART	368364.10	4332908.90	225.07	225.07
DISCCART	368364.10	4333008.90	225.17	225.17
DISCCART	368364.10	4333108.90	224.83	224.83
DISCCART	368364.10	4333208.90	224.85	224.85
DISCCART	368364.10	4333308.90	224.70	224.70
DISCCART	368364.10	4333408.90	224.43	224.43
DISCCART	368364.10	4333508.90	224.00	224.00

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DISCCART	368364.10	4333608.90	224.16	224.16
DISCCART	368364.10	4333708.90	224.50	224.50
DISCCART	368364.10	4333808.90	227.38	229.54
DISCCART	368364.10	4333908.90	224.10	224.10
DISCCART	368364.10	4334008.90	225.27	225.27
DISCCART	368364.10	4334108.90	225.44	225.44
DISCCART	368364.10	4334208.90	224.71	224.71
DISCCART	368364.10	4334308.90	217.95	225.26
DISCCART	368364.10	4334408.90	217.66	217.66
DISCCART	368367.30	4325814.60	251.20	251.20
DISCCART	368429.80	4334429.10	217.66	217.66
DISCCART	368463.80	4325788.30	244.28	261.67
DISCCART	368464.10	4325808.90	244.36	262.52
DISCCART	368464.10	4325908.90	247.11	270.85
DISCCART	368464.10	4326008.90	250.20	272.47
DISCCART	368464.10	4326108.90	253.41	268.78
DISCCART	368464.10	4326208.90	256.90	271.41
DISCCART	368464.10	4326308.90	260.84	277.92
DISCCART	368464.10	4326408.90	263.41	279.61
DISCCART	368464.10	4326508.90	265.56	265.56
DISCCART	368464.10	4326608.90	269.37	273.08
DISCCART	368464.10	4326708.90	270.21	276.04
DISCCART	368464.10	4326808.90	275.11	277.72
DISCCART	368464.10	4326908.90	279.63	279.63
DISCCART	368464.10	4327008.90	285.66	285.66
DISCCART	368464.10	4327108.90	288.80	288.80
DISCCART	368464.10	4327208.90	290.94	290.94
DISCCART	368464.10	4327308.90	289.96	291.37
DISCCART	368464.10	4327408.90	289.21	289.21
DISCCART	368464.10	4327508.90	288.61	288.61
DISCCART	368464.10	4327608.90	288.71	288.71
DISCCART	368464.10	4327708.90	288.85	288.85
DISCCART	368464.10	4327808.90	286.90	286.90
DISCCART	368464.10	4327908.90	285.99	285.99
DISCCART	368464.10	4328008.90	275.12	290.50
DISCCART	368464.10	4328108.90	276.77	288.23
DISCCART	368464.10	4328208.90	276.94	284.27
DISCCART	368464.10	4328308.90	270.07	284.98
DISCCART	368464.10	4328408.90	260.08	286.56
DISCCART	368464.10	4328508.90	252.78	274.99
DISCCART	368464.10	4328608.90	247.75	247.75
DISCCART	368464.10	4328708.90	243.05	243.05
DISCCART	368464.10	4328808.90	237.68	241.43
DISCCART	368464.10	4328908.90	239.70	239.70
DISCCART	368464.10	4329008.90	242.25	242.25
DISCCART	368464.10	4329108.90	243.64	243.64
DISCCART	368464.10	4329208.90	245.48	245.48
DISCCART	368464.10	4329308.90	246.61	246.61
DISCCART	368464.10	4329408.90	247.77	248.84
DISCCART	368464.10	4329508.90	250.97	250.97
DISCCART	368464.10	4329608.90	253.36	253.36
DISCCART	368464.10	4329708.90	254.00	254.00
DISCCART	368464.10	4329808.90	255.96	255.96
DISCCART	368464.10	4329908.90	260.39	262.95

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DISCCART	368464.10	4330008.90	259.40	262.66
DISCCART	368464.10	4330108.90	259.94	266.44
DISCCART	368464.10	4330208.90	269.48	269.48
DISCCART	368464.10	4330308.90	273.03	273.03
DISCCART	368464.10	4330408.90	272.34	272.34
DISCCART	368464.10	4330508.90	265.04	272.17
DISCCART	368464.10	4330608.90	265.18	268.27
DISCCART	368464.10	4330708.90	261.95	265.89
DISCCART	368464.10	4330808.90	261.53	261.53
DISCCART	368464.10	4330908.90	267.43	277.55
DISCCART	368464.10	4331008.90	277.14	277.14
DISCCART	368464.10	4331108.90	263.23	278.74
DISCCART	368464.10	4331208.90	224.61	282.02
DISCCART	368464.10	4331308.90	224.73	282.02
DISCCART	368464.10	4331408.90	226.28	282.02
DISCCART	368464.10	4331508.90	226.71	279.60
DISCCART	368464.10	4331608.90	226.94	226.94
DISCCART	368464.10	4331708.90	226.63	226.63
DISCCART	368464.10	4331808.90	226.57	226.57
DISCCART	368464.10	4331908.90	225.90	225.90
DISCCART	368464.10	4332008.90	225.01	225.01
DISCCART	368464.10	4332108.90	225.33	234.91
DISCCART	368464.10	4332208.90	227.25	235.30
DISCCART	368464.10	4332308.90	225.97	235.30
DISCCART	368464.10	4332408.90	224.38	224.38
DISCCART	368464.10	4332508.90	224.72	224.72
DISCCART	368464.10	4332608.90	223.75	223.75
DISCCART	368464.10	4332708.90	224.79	224.79
DISCCART	368464.10	4332808.90	224.79	224.79
DISCCART	368464.10	4332908.90	225.16	225.16
DISCCART	368464.10	4333008.90	224.57	224.57
DISCCART	368464.10	4333108.90	224.83	225.68
DISCCART	368464.10	4333208.90	225.40	225.40
DISCCART	368464.10	4333308.90	224.15	224.15
DISCCART	368464.10	4333408.90	224.17	224.17
DISCCART	368464.10	4333508.90	225.36	225.36
DISCCART	368464.10	4333608.90	224.65	224.65
DISCCART	368464.10	4333708.90	224.37	224.37
DISCCART	368464.10	4333808.90	224.12	229.46
DISCCART	368464.10	4333908.90	224.96	225.49
DISCCART	368464.10	4334008.90	224.88	224.88
DISCCART	368464.10	4334108.90	224.80	224.80
DISCCART	368464.10	4334208.90	224.81	224.81
DISCCART	368464.10	4334308.90	220.41	223.45
DISCCART	368464.10	4334408.90	217.67	217.67
DISCCART	368526.10	4334455.90	217.48	217.48
DISCCART	368560.20	4325761.90	248.73	262.02
DISCCART	368564.10	4325808.90	252.74	262.17
DISCCART	368564.10	4325908.90	255.65	268.02
DISCCART	368564.10	4326008.90	260.16	271.91
DISCCART	368564.10	4326108.90	260.38	278.03
DISCCART	368564.10	4326208.90	260.51	281.02
DISCCART	368564.10	4326308.90	260.00	279.27
DISCCART	368564.10	4326408.90	265.93	265.93

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DISCCART	368564.10	4326508.90	270.36	281.90
DISCCART	368564.10	4326608.90	277.27	282.50
DISCCART	368564.10	4326708.90	278.84	283.28
DISCCART	368564.10	4326808.90	281.96	284.83
DISCCART	368564.10	4326908.90	281.77	287.41
DISCCART	368564.10	4327008.90	284.32	287.93
DISCCART	368564.10	4327108.90	286.22	289.71
DISCCART	368564.10	4327208.90	290.48	290.48
DISCCART	368564.10	4327308.90	289.51	289.51
DISCCART	368564.10	4327408.90	284.50	284.50
DISCCART	368564.10	4327508.90	284.17	284.17
DISCCART	368564.10	4327608.90	286.49	287.83
DISCCART	368564.10	4327708.90	288.23	288.23
DISCCART	368564.10	4327808.90	287.80	287.80
DISCCART	368564.10	4327908.90	288.02	288.02
DISCCART	368564.10	4328008.90	288.26	288.26
DISCCART	368564.10	4328108.90	287.16	287.16
DISCCART	368564.10	4328208.90	283.22	284.59
DISCCART	368564.10	4328308.90	271.51	287.29
DISCCART	368564.10	4328408.90	260.99	289.47
DISCCART	368564.10	4328508.90	256.01	270.45
DISCCART	368564.10	4328608.90	251.58	268.94
DISCCART	368564.10	4328708.90	247.35	247.35
DISCCART	368564.10	4328808.90	241.05	241.05
DISCCART	368564.10	4328908.90	239.36	239.36
DISCCART	368564.10	4329008.90	239.82	239.82
DISCCART	368564.10	4329108.90	239.98	239.98
DISCCART	368564.10	4329208.90	243.29	243.29
DISCCART	368564.10	4329308.90	242.83	242.83
DISCCART	368564.10	4329408.90	244.96	244.96
DISCCART	368564.10	4329508.90	248.00	248.00
DISCCART	368564.10	4329608.90	249.83	249.83
DISCCART	368564.10	4329708.90	250.26	250.26
DISCCART	368564.10	4329808.90	252.22	256.67
DISCCART	368564.10	4329908.90	255.02	257.75
DISCCART	368564.10	4330008.90	253.73	253.73
DISCCART	368564.10	4330108.90	257.60	261.06
DISCCART	368564.10	4330208.90	264.49	271.40
DISCCART	368564.10	4330308.90	269.62	269.62
DISCCART	368564.10	4330408.90	264.49	272.36
DISCCART	368564.10	4330508.90	261.06	272.29
DISCCART	368564.10	4330608.90	257.19	260.13
DISCCART	368564.10	4330708.90	257.78	257.78
DISCCART	368564.10	4330808.90	263.96	267.49
DISCCART	368564.10	4330908.90	270.18	272.26
DISCCART	368564.10	4331008.90	278.02	278.02
DISCCART	368564.10	4331108.90	262.03	279.60
DISCCART	368564.10	4331208.90	224.74	282.02
DISCCART	368564.10	4331308.90	224.28	282.02
DISCCART	368564.10	4331408.90	226.56	282.02
DISCCART	368564.10	4331508.90	226.63	281.54
DISCCART	368564.10	4331608.90	226.78	226.78
DISCCART	368564.10	4331708.90	226.71	226.71
DISCCART	368564.10	4331808.90	225.86	225.86

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DISCCART	368564.10	4331908.90	225.74	225.74
DISCCART	368564.10	4332008.90	225.43	231.06
DISCCART	368564.10	4332108.90	233.21	233.21
DISCCART	368564.10	4332208.90	226.33	235.30
DISCCART	368564.10	4332308.90	224.73	224.73
DISCCART	368564.10	4332408.90	224.40	224.40
DISCCART	368564.10	4332508.90	224.31	224.31
DISCCART	368564.10	4332608.90	224.17	224.17
DISCCART	368564.10	4332708.90	223.89	223.89
DISCCART	368564.10	4332808.90	224.88	224.88
DISCCART	368564.10	4332908.90	224.64	224.64
DISCCART	368564.10	4333008.90	225.09	225.09
DISCCART	368564.10	4333108.90	225.77	225.77
DISCCART	368564.10	4333208.90	224.72	224.72
DISCCART	368564.10	4333308.90	224.44	224.44
DISCCART	368564.10	4333408.90	224.66	224.66
DISCCART	368564.10	4333508.90	224.62	224.62
DISCCART	368564.10	4333608.90	224.21	224.21
DISCCART	368564.10	4333708.90	224.18	224.18
DISCCART	368564.10	4333808.90	224.67	224.67
DISCCART	368564.10	4333908.90	226.78	229.57
DISCCART	368564.10	4334008.90	224.72	224.72
DISCCART	368564.10	4334108.90	224.58	224.58
DISCCART	368564.10	4334208.90	224.85	224.85
DISCCART	368564.10	4334308.90	223.06	223.06
DISCCART	368564.10	4334408.90	218.02	218.02
DISCCART	368622.40	4334482.70	217.65	217.65
DISCCART	368656.70	4325735.60	247.54	262.02
DISCCART	368664.10	4325808.90	256.92	259.25
DISCCART	368664.10	4325908.90	262.75	266.93
DISCCART	368664.10	4326008.90	269.49	269.49
DISCCART	368664.10	4326108.90	271.03	272.44
DISCCART	368664.10	4326208.90	270.49	281.02
DISCCART	368664.10	4326308.90	266.97	282.21
DISCCART	368664.10	4326408.90	265.46	278.03
DISCCART	368664.10	4326508.90	273.27	279.51
DISCCART	368664.10	4326608.90	282.26	282.67
DISCCART	368664.10	4326708.90	285.70	287.79
DISCCART	368664.10	4326808.90	286.99	286.99
DISCCART	368664.10	4326908.90	288.13	288.13
DISCCART	368664.10	4327008.90	289.95	289.95
DISCCART	368664.10	4327108.90	290.85	290.85
DISCCART	368664.10	4327208.90	292.57	292.57
DISCCART	368664.10	4327308.90	288.11	288.94
DISCCART	368664.10	4327408.90	281.97	286.49
DISCCART	368664.10	4327508.90	272.23	289.30
DISCCART	368664.10	4327608.90	282.27	287.69
DISCCART	368664.10	4327708.90	284.40	286.57
DISCCART	368664.10	4327808.90	281.23	289.18
DISCCART	368664.10	4327908.90	282.76	289.81
DISCCART	368664.10	4328008.90	288.59	288.86
DISCCART	368664.10	4328108.90	290.23	290.23
DISCCART	368664.10	4328208.90	283.49	283.49
DISCCART	368664.10	4328308.90	271.58	289.55

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DISCCART	368664.10	4328408.90	270.01	270.01
DISCCART	368664.10	4328508.90	259.96	270.03
DISCCART	368664.10	4328608.90	254.77	257.22
DISCCART	368664.10	4328708.90	247.82	248.95
DISCCART	368664.10	4328808.90	243.07	243.07
DISCCART	368664.10	4328908.90	237.47	237.47
DISCCART	368664.10	4329008.90	238.57	238.57
DISCCART	368664.10	4329108.90	236.16	241.70
DISCCART	368664.10	4329208.90	239.27	239.27
DISCCART	368664.10	4329308.90	240.84	240.84
DISCCART	368664.10	4329408.90	241.60	243.44
DISCCART	368664.10	4329508.90	244.13	244.13
DISCCART	368664.10	4329608.90	245.11	245.11
DISCCART	368664.10	4329708.90	247.37	247.37
DISCCART	368664.10	4329808.90	248.81	253.07
DISCCART	368664.10	4329908.90	250.31	250.31
DISCCART	368664.10	4330008.90	254.00	254.00
DISCCART	368664.10	4330108.90	260.43	260.43
DISCCART	368664.10	4330208.90	261.63	265.45
DISCCART	368664.10	4330308.90	264.14	264.14
DISCCART	368664.10	4330408.90	260.11	263.35
DISCCART	368664.10	4330508.90	259.33	259.33
DISCCART	368664.10	4330608.90	255.01	255.01
DISCCART	368664.10	4330708.90	258.16	262.87
DISCCART	368664.10	4330808.90	263.18	263.18
DISCCART	368664.10	4330908.90	268.17	279.60
DISCCART	368664.10	4331008.90	277.91	278.30
DISCCART	368664.10	4331108.90	263.42	281.88
DISCCART	368664.10	4331208.90	225.09	282.02
DISCCART	368664.10	4331308.90	224.28	282.02
DISCCART	368664.10	4331408.90	226.00	282.02
DISCCART	368664.10	4331508.90	227.43	282.02
DISCCART	368664.10	4331608.90	226.82	226.82
DISCCART	368664.10	4331708.90	226.80	226.80
DISCCART	368664.10	4331808.90	226.07	226.07
DISCCART	368664.10	4331908.90	223.90	227.08
DISCCART	368664.10	4332008.90	226.61	226.61
DISCCART	368664.10	4332108.90	226.05	226.05
DISCCART	368664.10	4332208.90	224.65	227.32
DISCCART	368664.10	4332308.90	224.56	224.56
DISCCART	368664.10	4332408.90	224.20	224.20
DISCCART	368664.10	4332508.90	224.47	224.47
DISCCART	368664.10	4332608.90	223.65	223.65
DISCCART	368664.10	4332708.90	224.13	224.13
DISCCART	368664.10	4332808.90	224.03	224.03
DISCCART	368664.10	4332908.90	224.55	224.55
DISCCART	368664.10	4333008.90	224.41	224.41
DISCCART	368664.10	4333108.90	224.20	224.20
DISCCART	368664.10	4333208.90	224.42	224.42
DISCCART	368664.10	4333308.90	224.45	224.45
DISCCART	368664.10	4333408.90	224.87	224.87
DISCCART	368664.10	4333508.90	224.59	224.59
DISCCART	368664.10	4333608.90	224.37	224.37
DISCCART	368664.10	4333708.90	224.59	224.59

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DISCCART	368664.10	4333808.90	224.13	224.13
DISCCART	368664.10	4333908.90	229.05	229.05
DISCCART	368664.10	4334008.90	224.66	224.66
DISCCART	368664.10	4334108.90	224.50	224.50
DISCCART	368664.10	4334208.90	225.10	225.10
DISCCART	368664.10	4334308.90	222.53	222.53
DISCCART	368664.10	4334408.90	218.52	218.52
DISCCART	368718.80	4334509.50	217.62	217.62
DISCCART	368753.20	4325709.20	246.29	258.67
DISCCART	368764.10	4325708.90	246.15	258.38
DISCCART	368764.10	4325808.90	251.80	251.80
DISCCART	368764.10	4325908.90	255.42	274.12
DISCCART	368764.10	4326008.90	262.27	280.42
DISCCART	368764.10	4326108.90	274.29	275.41
DISCCART	368764.10	4326208.90	280.82	280.82
DISCCART	368764.10	4326308.90	277.84	279.17
DISCCART	368764.10	4326408.90	276.22	276.22
DISCCART	368764.10	4326508.90	273.75	282.47
DISCCART	368764.10	4326608.90	280.31	283.65
DISCCART	368764.10	4326708.90	284.17	284.17
DISCCART	368764.10	4326808.90	283.06	284.14
DISCCART	368764.10	4326908.90	279.62	288.51
DISCCART	368764.10	4327008.90	287.89	287.89
DISCCART	368764.10	4327108.90	289.91	289.91
DISCCART	368764.10	4327208.90	290.90	290.90
DISCCART	368764.10	4327308.90	287.10	289.50
DISCCART	368764.10	4327408.90	280.31	286.08
DISCCART	368764.10	4327508.90	267.78	287.81
DISCCART	368764.10	4327608.90	275.47	287.34
DISCCART	368764.10	4327708.90	277.64	282.21
DISCCART	368764.10	4327808.90	270.89	289.97
DISCCART	368764.10	4327908.90	279.23	285.42
DISCCART	368764.10	4328008.90	288.80	289.17
DISCCART	368764.10	4328108.90	290.08	290.08
DISCCART	368764.10	4328208.90	279.79	290.09
DISCCART	368764.10	4328308.90	273.88	288.73
DISCCART	368764.10	4328408.90	267.82	277.56
DISCCART	368764.10	4328508.90	262.31	277.51
DISCCART	368764.10	4328608.90	255.88	274.39
DISCCART	368764.10	4328708.90	250.05	268.14
DISCCART	368764.10	4328808.90	248.64	249.61
DISCCART	368764.10	4328908.90	245.00	246.25
DISCCART	368764.10	4329008.90	237.63	245.03
DISCCART	368764.10	4329108.90	236.43	239.74
DISCCART	368764.10	4329208.90	240.30	240.30
DISCCART	368764.10	4329308.90	240.51	240.51
DISCCART	368764.10	4329408.90	240.80	240.80
DISCCART	368764.10	4329508.90	241.50	241.50
DISCCART	368764.10	4329608.90	242.84	242.84
DISCCART	368764.10	4329708.90	243.31	243.31
DISCCART	368764.10	4329808.90	244.57	246.13
DISCCART	368764.10	4329908.90	248.80	248.80
DISCCART	368764.10	4330008.90	254.17	254.89
DISCCART	368764.10	4330108.90	257.15	257.15

Appendix D. Attainment Demonstration Modeling Input Files

```
DISCCART 368764.10 4330208.90 254.51 254.51
DISCCART 368764.10 4330308.90 255.07 260.67
DISCCART 368764.10 4330408.90 254.34 259.08
DISCCART 368764.10 4330508.90 252.83 252.83
DISCCART 368764.10 4330608.90 254.88 254.88
DISCCART 368764.10 4330708.90 260.27 260.27
DISCCART 368764.10 4330808.90 267.56 267.56
DISCCART 368764.10 4330908.90 273.73 281.33
DISCCART 368764.10 4331008.90 280.47 281.01
DISCCART 368764.10 4331108.90 258.50 282.02
DISCCART 368764.10 4331208.90 225.94 282.02
DISCCART 368764.10 4331308.90 223.43 282.02
DISCCART 368764.10 4331408.90 225.84 282.02
DISCCART 368764.10 4331508.90 229.14 282.02
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KCTOP08-12.SFC
PROFFILE KCTOP08-12.PFL
SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60
UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT
PROFBASE 231.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 4-25
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID4.DAT
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG4.PLT
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG4.PLT
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUNG4.PLT
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG4.PLT
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G4.PLT
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG4.PLT
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G4.PLT
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G4.PLT
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG4.PLT
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG4.PLT
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG4.PLT
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG4.PLT
**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G4.PLT
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G4.PLT
**OU PLOTFILE 1 BV9 4TH 01H4GCBV9G4.PLT
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG4.PLT
OU FINISHED
```

Sub-grid 5

```
**
**
*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 5 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
```

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59
SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24
SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23
SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

BACKGRND ANNUAL 13.0

BACKUNIT PPB

Appendix D. Attainment Demonstration Modeling Input Files

** Source Parameters **

**Buffer Sources

**Blue Valley with NG switch in Rule

SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764

SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764

SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574

**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764

**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764

**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574

SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down

**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2

**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD

**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192

**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616

**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192

SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368

SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below

**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914

**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152

**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2

**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152

**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1

**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152

**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152

SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914

SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152

SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2

SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152

SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1

SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152

SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536

SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914

**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184

**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672

SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914

SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.761111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219
SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384
SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651
SO SRCPARAM PC1 0.000438371 5 1.1628 4.651
SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651
SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAU 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528
**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528

Appendix D. Attainment Demonstration Modeling Input Files

**2010 Actuals below from KS to determine actual impact

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLEN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLEN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLEN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLEN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLEN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLEN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLEN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLEN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLEN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55
SO YBADJ VEP3	0.93	-0.72	-2.34	-3.89	-6.13	-7.45
SO YBADJ VEP3	-8.54	-9.38	-9.93	-10.17	-10.11	-9.74

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 -9.08 -7.79 -6.75 -5.50 -4.09 -2.55
SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3
SO SRCGROUP BV BV3 BV4 BV5 BV9
SO SRCGROUP IATAN IATAN06 IATAN30
SO SRCGROUP HALL HALL1 HALL2
SO SRCGROUP RMC RMC1-RMC3
SO SRCGROUP HAWTH6 HAWTH6
SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901
SO SRCGROUP SIB5A SIB5A
SO SRCGROUP SIB5B SIB5B
SO SRCGROUP SIB5C SIB5C
**SO SRCGROUP MOCITY MOCITY5 MOCITY6
SO SRCGROUP NAGC NAGC3 NAGC4
**SO SRCGROUP ATTB ATT4
SO SRCGROUP CMH CMH1
SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11
SO SRCGROUP GAP GAP1
SO SRCGROUP SIMR SIMR1
SO SRCGROUP APAC APACKS3 APACKS4
SO SRCGROUP AUD AUD77
SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24
SO SRCGROUP FS FS07 FS10
SO SRCGROUP MPC MPC01 MPC02
SO SRCGROUP MKA MKA08 MKA09
**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12
SO SRCGROUP GM GM39 GM46 GM49
SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28
SO SRCGROUP LOL LOL5
SO SRCGROUP PC PC1
SO SRCGROUP MBB MBB29
SO SRCGROUP BMSI BMSI4
SO SRCGROUP SBAC SBAC05 SBAC06
SO SRCGROUP SR SR14
SO SRCGROUP CL CL2
SO SRCGROUP USPS USPS1
SO SRCGROUP A1 A11
SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111
SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2
SO SRCGROUP BMB BMB2 BMB3 BMB1
SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32
SO SRCGROUP ALC ALC3 ALC4
SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8
SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481
SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX
SO SRCGROUP GMKS GM4
SO SRCGROUP MC MC1 MC2
SO SRCGROUP MAC MAC2 MAC7
SO SRCGROUP SPRNT SPRNT4 SPRNT13
SO SRCGROUP ARC ARCW9 ARCH9
SO SRCGROUP GK GK1

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCGROUP ALL BACKGROUND

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

RE ELEVUNIT METERS

DISCCART	368764.10	4331608.90	227.04	227.04
DISCCART	368764.10	4331708.90	226.54	226.54
DISCCART	368764.10	4331808.90	232.80	232.80
DISCCART	368764.10	4331908.90	225.64	225.64
DISCCART	368764.10	4332008.90	225.80	225.80
DISCCART	368764.10	4332108.90	226.56	226.56
DISCCART	368764.10	4332208.90	225.50	225.50
DISCCART	368764.10	4332308.90	224.77	224.77
DISCCART	368764.10	4332408.90	224.59	224.59
DISCCART	368764.10	4332508.90	224.66	224.66
DISCCART	368764.10	4332608.90	224.43	224.43
DISCCART	368764.10	4332708.90	223.91	223.91
DISCCART	368764.10	4332808.90	224.13	224.13
DISCCART	368764.10	4332908.90	224.97	224.97
DISCCART	368764.10	4333008.90	224.42	224.42
DISCCART	368764.10	4333108.90	224.89	224.89
DISCCART	368764.10	4333208.90	224.71	224.71
DISCCART	368764.10	4333308.90	224.99	224.99
DISCCART	368764.10	4333408.90	224.88	224.88
DISCCART	368764.10	4333508.90	224.95	224.95
DISCCART	368764.10	4333608.90	224.26	224.26
DISCCART	368764.10	4333708.90	224.57	224.57
DISCCART	368764.10	4333808.90	224.39	224.39
DISCCART	368764.10	4333908.90	224.66	229.41
DISCCART	368764.10	4334008.90	224.73	224.73
DISCCART	368764.10	4334108.90	224.21	224.21
DISCCART	368764.10	4334208.90	224.83	225.24
DISCCART	368764.10	4334308.90	225.04	225.04
DISCCART	368764.10	4334408.90	219.12	219.12
DISCCART	368764.10	4334508.90	217.90	217.90
DISCCART	368815.10	4334536.40	217.69	217.69
DISCCART	368844.00	4334544.40	217.70	217.70
DISCCART	368849.60	4325682.80	245.10	256.17
DISCCART	368864.10	4325708.90	250.79	253.74
DISCCART	368864.10	4325808.90	256.17	256.17
DISCCART	368864.10	4325908.90	259.01	269.86
DISCCART	368864.10	4326008.90	269.49	269.49
DISCCART	368864.10	4326108.90	274.03	274.03
DISCCART	368864.10	4326208.90	273.67	282.21
DISCCART	368864.10	4326308.90	278.88	279.69
DISCCART	368864.10	4326408.90	281.69	281.69
DISCCART	368864.10	4326508.90	281.97	281.97
DISCCART	368864.10	4326608.90	280.21	281.71

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	368864.10	4326708.90	273.09	286.83
DISCCART	368864.10	4326808.90	266.86	287.79
DISCCART	368864.10	4326908.90	269.46	291.68
DISCCART	368864.10	4327008.90	280.70	286.65
DISCCART	368864.10	4327108.90	284.90	284.90
DISCCART	368864.10	4327208.90	284.23	285.03
DISCCART	368864.10	4327308.90	283.87	286.08
DISCCART	368864.10	4327408.90	277.46	285.35
DISCCART	368864.10	4327508.90	267.11	286.62
DISCCART	368864.10	4327608.90	264.39	287.49
DISCCART	368864.10	4327708.90	263.65	289.42
DISCCART	368864.10	4327808.90	273.20	288.72
DISCCART	368864.10	4327908.90	282.51	288.60
DISCCART	368864.10	4328008.90	288.10	289.20
DISCCART	368864.10	4328108.90	291.01	291.01
DISCCART	368864.10	4328208.90	288.24	288.24
DISCCART	368864.10	4328308.90	276.68	288.73
DISCCART	368864.10	4328408.90	275.42	275.42
DISCCART	368864.10	4328508.90	268.40	272.64
DISCCART	368864.10	4328608.90	263.31	263.31
DISCCART	368864.10	4328708.90	255.32	261.97
DISCCART	368864.10	4328808.90	253.23	253.23
DISCCART	368864.10	4328908.90	243.96	249.31
DISCCART	368864.10	4329008.90	238.82	238.82
DISCCART	368864.10	4329108.90	238.92	238.92
DISCCART	368864.10	4329208.90	238.69	238.69
DISCCART	368864.10	4329308.90	240.02	240.02
DISCCART	368864.10	4329408.90	240.24	240.24
DISCCART	368864.10	4329508.90	240.53	240.53
DISCCART	368864.10	4329608.90	241.47	243.94
DISCCART	368864.10	4329708.90	241.31	241.31
DISCCART	368864.10	4329808.90	242.71	242.71
DISCCART	368864.10	4329908.90	245.98	249.48
DISCCART	368864.10	4330008.90	247.89	247.89
DISCCART	368864.10	4330108.90	251.56	251.56
DISCCART	368864.10	4330208.90	251.71	251.71
DISCCART	368864.10	4330308.90	249.12	249.12
DISCCART	368864.10	4330408.90	249.94	249.94
DISCCART	368864.10	4330508.90	252.25	252.25
DISCCART	368864.10	4330608.90	257.01	260.17
DISCCART	368864.10	4330708.90	264.47	266.50
DISCCART	368864.10	4330808.90	266.69	272.68
DISCCART	368864.10	4330908.90	275.16	277.46
DISCCART	368864.10	4331008.90	278.29	278.29
DISCCART	368864.10	4331108.90	264.97	282.02
DISCCART	368864.10	4331208.90	225.21	282.02
DISCCART	368864.10	4331308.90	224.20	282.02
DISCCART	368864.10	4331408.90	225.96	282.02
DISCCART	368864.10	4331508.90	228.49	282.02
DISCCART	368864.10	4331608.90	226.85	226.85
DISCCART	368864.10	4331708.90	226.31	226.31
DISCCART	368864.10	4331808.90	225.90	225.90
DISCCART	368864.10	4331908.90	225.76	225.76
DISCCART	368864.10	4332008.90	225.36	225.36

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DISCCART	368864.10	4332108.90	225.89	225.89
DISCCART	368864.10	4332208.90	223.81	227.28
DISCCART	368864.10	4332308.90	225.04	225.04
DISCCART	368864.10	4332408.90	224.71	224.71
DISCCART	368864.10	4332508.90	224.49	224.49
DISCCART	368864.10	4332608.90	224.42	224.42
DISCCART	368864.10	4332708.90	224.14	224.14
DISCCART	368864.10	4332808.90	224.06	224.06
DISCCART	368864.10	4332908.90	224.14	224.14
DISCCART	368864.10	4333008.90	223.98	223.98
DISCCART	368864.10	4333108.90	224.44	224.44
DISCCART	368864.10	4333208.90	224.74	224.74
DISCCART	368864.10	4333308.90	224.64	224.64
DISCCART	368864.10	4333408.90	224.05	224.05
DISCCART	368864.10	4333508.90	223.93	223.93
DISCCART	368864.10	4333608.90	224.15	224.15
DISCCART	368864.10	4333708.90	224.11	224.11
DISCCART	368864.10	4333808.90	224.22	224.22
DISCCART	368864.10	4333908.90	224.09	229.41
DISCCART	368864.10	4334008.90	225.23	226.42
DISCCART	368864.10	4334108.90	224.31	224.31
DISCCART	368864.10	4334208.90	224.78	224.78
DISCCART	368864.10	4334308.90	224.41	226.03
DISCCART	368864.10	4334408.90	219.38	225.53
DISCCART	368864.10	4334508.90	217.86	217.86
DISCCART	368913.20	4334555.10	217.73	217.73
DISCCART	368946.10	4325656.50	243.84	253.27
DISCCART	368964.10	4325708.90	248.66	249.27
DISCCART	368964.10	4325808.90	247.27	270.18
DISCCART	368964.10	4325908.90	252.35	272.61
DISCCART	368964.10	4326008.90	268.59	268.59
DISCCART	368964.10	4326108.90	262.12	281.07
DISCCART	368964.10	4326208.90	257.81	282.22
DISCCART	368964.10	4326308.90	272.41	279.65
DISCCART	368964.10	4326408.90	271.47	281.99
DISCCART	368964.10	4326508.90	269.86	282.87
DISCCART	368964.10	4326608.90	270.20	282.57
DISCCART	368964.10	4326708.90	256.36	287.79
DISCCART	368964.10	4326808.90	257.47	290.27
DISCCART	368964.10	4326908.90	271.99	285.99
DISCCART	368964.10	4327008.90	284.57	284.57
DISCCART	368964.10	4327108.90	277.47	285.52
DISCCART	368964.10	4327208.90	273.39	286.89
DISCCART	368964.10	4327308.90	279.31	284.52
DISCCART	368964.10	4327408.90	273.46	283.53
DISCCART	368964.10	4327508.90	261.67	286.79
DISCCART	368964.10	4327608.90	254.72	288.54
DISCCART	368964.10	4327708.90	261.79	290.18
DISCCART	368964.10	4327808.90	276.17	287.46
DISCCART	368964.10	4327908.90	285.08	288.08
DISCCART	368964.10	4328008.90	290.18	290.18
DISCCART	368964.10	4328108.90	288.92	288.92
DISCCART	368964.10	4328208.90	281.17	281.17
DISCCART	368964.10	4328308.90	278.08	278.08

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DISCCART	368964.10	4328408.90	269.61	282.23
DISCCART	368964.10	4328508.90	260.72	282.23
DISCCART	368964.10	4328608.90	254.32	282.16
DISCCART	368964.10	4328708.90	254.58	254.58
DISCCART	368964.10	4328808.90	246.29	257.88
DISCCART	368964.10	4328908.90	246.77	253.21
DISCCART	368964.10	4329008.90	245.99	245.99
DISCCART	368964.10	4329108.90	240.02	240.02
DISCCART	368964.10	4329208.90	236.69	236.69
DISCCART	368964.10	4329308.90	236.18	236.18
DISCCART	368964.10	4329408.90	239.59	239.59
DISCCART	368964.10	4329508.90	239.25	239.96
DISCCART	368964.10	4329608.90	237.36	241.76
DISCCART	368964.10	4329708.90	237.44	237.44
DISCCART	368964.10	4329808.90	238.72	239.77
DISCCART	368964.10	4329908.90	240.58	241.19
DISCCART	368964.10	4330008.90	243.19	243.19
DISCCART	368964.10	4330108.90	247.16	247.16
DISCCART	368964.10	4330208.90	247.02	247.02
DISCCART	368964.10	4330308.90	246.82	246.82
DISCCART	368964.10	4330408.90	251.25	251.25
DISCCART	368964.10	4330508.90	256.96	256.96
DISCCART	368964.10	4330608.90	260.46	264.22
DISCCART	368964.10	4330708.90	266.57	266.57
DISCCART	368964.10	4330808.90	270.00	270.00
DISCCART	368964.10	4330908.90	272.18	272.18
DISCCART	368964.10	4331008.90	272.32	272.69
DISCCART	368964.10	4331108.90	264.96	278.08
DISCCART	368964.10	4331208.90	225.45	282.02
DISCCART	368964.10	4331308.90	225.48	282.02
DISCCART	368964.10	4331408.90	226.03	282.02
DISCCART	368964.10	4331508.90	227.54	282.02
DISCCART	368964.10	4331608.90	226.71	226.71
DISCCART	368964.10	4331708.90	224.94	224.94
DISCCART	368964.10	4331808.90	225.18	225.18
DISCCART	368964.10	4331908.90	225.77	225.77
DISCCART	368964.10	4332008.90	225.56	225.56
DISCCART	368964.10	4332108.90	226.33	226.33
DISCCART	368964.10	4332208.90	224.69	224.69
DISCCART	368964.10	4332308.90	224.42	224.42
DISCCART	368964.10	4332408.90	224.35	224.35
DISCCART	368964.10	4332508.90	224.37	224.37
DISCCART	368964.10	4332608.90	224.37	224.37
DISCCART	368964.10	4332708.90	224.24	224.24
DISCCART	368964.10	4332808.90	223.85	223.85
DISCCART	368964.10	4332908.90	224.17	224.17
DISCCART	368964.10	4333008.90	224.64	224.64
DISCCART	368964.10	4333108.90	224.92	224.92
DISCCART	368964.10	4333208.90	224.60	224.60
DISCCART	368964.10	4333308.90	224.07	224.07
DISCCART	368964.10	4333408.90	224.13	224.13
DISCCART	368964.10	4333508.90	224.70	224.70
DISCCART	368964.10	4333608.90	224.75	224.75
DISCCART	368964.10	4333708.90	224.41	224.41

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DISCCART	368964.10	4333808.90	224.92	224.92
DISCCART	368964.10	4333908.90	224.86	224.86
DISCCART	368964.10	4334008.90	226.97	229.14
DISCCART	368964.10	4334108.90	223.97	223.97
DISCCART	368964.10	4334208.90	223.88	223.88
DISCCART	368964.10	4334308.90	224.42	224.91
DISCCART	368964.10	4334408.90	220.36	223.06
DISCCART	368964.10	4334508.90	218.01	218.01
DISCCART	369012.00	4334570.30	217.71	217.71
DISCCART	369042.60	4325630.10	242.82	248.09
DISCCART	369064.10	4325708.90	241.75	256.05
DISCCART	369064.10	4325808.90	248.71	257.94
DISCCART	369064.10	4325908.90	258.40	258.40
DISCCART	369064.10	4326008.90	260.62	268.38
DISCCART	369064.10	4326108.90	247.08	282.21
DISCCART	369064.10	4326208.90	261.16	274.44
DISCCART	369064.10	4326308.90	272.37	272.37
DISCCART	369064.10	4326408.90	258.90	282.87
DISCCART	369064.10	4326508.90	254.36	282.87
DISCCART	369064.10	4326608.90	252.47	286.83
DISCCART	369064.10	4326708.90	255.54	285.99
DISCCART	369064.10	4326808.90	257.34	285.99
DISCCART	369064.10	4326908.90	274.59	285.99
DISCCART	369064.10	4327008.90	281.38	284.76
DISCCART	369064.10	4327108.90	273.36	285.39
DISCCART	369064.10	4327208.90	261.33	290.87
DISCCART	369064.10	4327308.90	271.30	276.40
DISCCART	369064.10	4327408.90	275.51	275.82
DISCCART	369064.10	4327508.90	267.70	277.04
DISCCART	369064.10	4327608.90	253.13	288.08
DISCCART	369064.10	4327708.90	256.93	290.62
DISCCART	369064.10	4327808.90	265.96	290.54
DISCCART	369064.10	4327908.90	281.66	285.14
DISCCART	369064.10	4328008.90	285.81	287.98
DISCCART	369064.10	4328108.90	288.68	288.68
DISCCART	369064.10	4328208.90	287.63	287.63
DISCCART	369064.10	4328308.90	280.62	280.62
DISCCART	369064.10	4328408.90	278.24	279.79
DISCCART	369064.10	4328508.90	274.31	274.31
DISCCART	369064.10	4328608.90	263.90	275.19
DISCCART	369064.10	4328708.90	256.95	274.00
DISCCART	369064.10	4328808.90	252.80	255.83
DISCCART	369064.10	4328908.90	252.02	255.21
DISCCART	369064.10	4329008.90	245.64	253.12
DISCCART	369064.10	4329108.90	241.93	253.13
DISCCART	369064.10	4329208.90	237.55	237.55
DISCCART	369064.10	4329308.90	236.05	236.05
DISCCART	369064.10	4329408.90	232.82	239.36
DISCCART	369064.10	4329508.90	236.75	239.21
DISCCART	369064.10	4329608.90	236.63	236.63
DISCCART	369064.10	4329708.90	238.67	238.67
DISCCART	369064.10	4329808.90	239.83	247.39
DISCCART	369064.10	4329908.90	241.15	249.95
DISCCART	369064.10	4330008.90	242.02	242.02

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DISCCART	369064.10	4330108.90	243.49	243.49
DISCCART	369064.10	4330208.90	244.10	244.10
DISCCART	369064.10	4330308.90	247.02	247.02
DISCCART	369064.10	4330408.90	253.36	253.36
DISCCART	369064.10	4330508.90	258.85	258.85
DISCCART	369064.10	4330608.90	264.27	264.27
DISCCART	369064.10	4330708.90	261.14	263.81
DISCCART	369064.10	4330808.90	259.27	272.33
DISCCART	369064.10	4330908.90	265.43	265.43
DISCCART	369064.10	4331008.90	266.01	269.87
DISCCART	369064.10	4331108.90	260.22	274.33
DISCCART	369064.10	4331208.90	224.27	282.02
DISCCART	369064.10	4331308.90	225.63	282.02
DISCCART	369064.10	4331408.90	226.48	282.02
DISCCART	369064.10	4331508.90	227.01	278.37
DISCCART	369064.10	4331608.90	226.75	226.75
DISCCART	369064.10	4331708.90	225.85	225.85
DISCCART	369064.10	4331808.90	223.73	223.73
DISCCART	369064.10	4331908.90	225.53	225.53
DISCCART	369064.10	4332008.90	225.17	225.17
DISCCART	369064.10	4332108.90	226.62	226.62
DISCCART	369064.10	4332208.90	226.15	226.15
DISCCART	369064.10	4332308.90	224.66	224.66
DISCCART	369064.10	4332408.90	224.97	224.97
DISCCART	369064.10	4332508.90	224.16	224.16
DISCCART	369064.10	4332608.90	224.29	224.29
DISCCART	369064.10	4332708.90	224.27	224.27
DISCCART	369064.10	4332808.90	223.95	223.95
DISCCART	369064.10	4332908.90	224.16	224.16
DISCCART	369064.10	4333008.90	224.22	225.17
DISCCART	369064.10	4333108.90	224.20	224.20
DISCCART	369064.10	4333208.90	223.92	223.92
DISCCART	369064.10	4333308.90	223.89	223.89
DISCCART	369064.10	4333408.90	223.87	223.87
DISCCART	369064.10	4333508.90	223.88	223.88
DISCCART	369064.10	4333608.90	223.93	223.93
DISCCART	369064.10	4333708.90	223.87	223.87
DISCCART	369064.10	4333808.90	224.07	224.07
DISCCART	369064.10	4333908.90	224.26	224.26
DISCCART	369064.10	4334008.90	228.88	228.88
DISCCART	369064.10	4334108.90	223.98	223.98
DISCCART	369064.10	4334208.90	224.19	224.19
DISCCART	369064.10	4334308.90	223.58	224.62
DISCCART	369064.10	4334408.90	222.18	222.43
DISCCART	369064.10	4334508.90	218.36	218.36
DISCCART	369087.80	4325617.80	242.36	242.36
DISCCART	369110.90	4334585.50	217.62	217.62
DISCCART	369133.20	4325590.20	241.58	246.70
DISCCART	369164.10	4325608.90	240.72	240.72
DISCCART	369164.10	4325708.90	245.10	256.03
DISCCART	369164.10	4325808.90	255.78	255.78
DISCCART	369164.10	4325908.90	253.89	255.31
DISCCART	369164.10	4326008.90	252.02	266.48
DISCCART	369164.10	4326108.90	245.31	275.80

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DISCCART	369164.10	4326208.90	260.76	271.62
DISCCART	369164.10	4326308.90	268.36	269.85
DISCCART	369164.10	4326408.90	252.67	281.93
DISCCART	369164.10	4326508.90	244.49	283.22
DISCCART	369164.10	4326608.90	247.01	282.87
DISCCART	369164.10	4326708.90	257.67	282.78
DISCCART	369164.10	4326808.90	268.09	282.78
DISCCART	369164.10	4326908.90	279.09	282.19
DISCCART	369164.10	4327008.90	280.78	280.78
DISCCART	369164.10	4327108.90	269.63	281.46
DISCCART	369164.10	4327208.90	259.32	285.85
DISCCART	369164.10	4327308.90	258.21	285.10
DISCCART	369164.10	4327408.90	267.25	275.24
DISCCART	369164.10	4327508.90	266.81	266.81
DISCCART	369164.10	4327608.90	251.59	283.87
DISCCART	369164.10	4327708.90	256.89	288.08
DISCCART	369164.10	4327808.90	266.06	287.32
DISCCART	369164.10	4327908.90	269.38	290.03
DISCCART	369164.10	4328008.90	269.59	291.07
DISCCART	369164.10	4328108.90	284.80	286.99
DISCCART	369164.10	4328208.90	287.83	287.83
DISCCART	369164.10	4328308.90	282.49	282.49
DISCCART	369164.10	4328408.90	277.01	277.01
DISCCART	369164.10	4328508.90	275.22	275.22
DISCCART	369164.10	4328608.90	270.65	274.00
DISCCART	369164.10	4328708.90	265.52	272.73
DISCCART	369164.10	4328808.90	258.51	262.55
DISCCART	369164.10	4328908.90	252.43	252.43
DISCCART	369164.10	4329008.90	254.45	254.91
DISCCART	369164.10	4329108.90	246.20	254.87
DISCCART	369164.10	4329208.90	241.00	241.00
DISCCART	369164.10	4329308.90	237.39	237.39
DISCCART	369164.10	4329408.90	233.14	233.14
DISCCART	369164.10	4329508.90	233.64	237.56
DISCCART	369164.10	4329608.90	238.59	238.59
DISCCART	369164.10	4329708.90	242.50	242.50
DISCCART	369164.10	4329808.90	245.93	245.93
DISCCART	369164.10	4329908.90	250.14	250.14
DISCCART	369164.10	4330008.90	249.33	254.13
DISCCART	369164.10	4330108.90	246.96	254.16
DISCCART	369164.10	4330208.90	247.98	249.77
DISCCART	369164.10	4330308.90	248.14	248.14
DISCCART	369164.10	4330408.90	252.82	252.82
DISCCART	369164.10	4330508.90	256.55	256.55
DISCCART	369164.10	4330608.90	258.87	263.69
DISCCART	369164.10	4330708.90	257.87	258.54
DISCCART	369164.10	4330808.90	254.72	264.87
DISCCART	369164.10	4330908.90	259.89	260.86
DISCCART	369164.10	4331008.90	260.90	267.37
DISCCART	369164.10	4331108.90	259.22	269.84
DISCCART	369164.10	4331208.90	226.91	282.02
DISCCART	369164.10	4331308.90	225.23	282.02
DISCCART	369164.10	4331408.90	226.91	282.02
DISCCART	369164.10	4331508.90	227.26	227.26

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DISCCART	369164.10	4331608.90	226.81	226.81
DISCCART	369164.10	4331708.90	225.21	225.21
DISCCART	369164.10	4331808.90	223.91	223.91
DISCCART	369164.10	4331908.90	225.11	225.11
DISCCART	369164.10	4332008.90	224.88	224.88
DISCCART	369164.10	4332108.90	226.88	226.88
DISCCART	369164.10	4332208.90	225.31	225.31
DISCCART	369164.10	4332308.90	224.44	224.44
DISCCART	369164.10	4332408.90	223.90	223.90
DISCCART	369164.10	4332508.90	224.68	224.68
DISCCART	369164.10	4332608.90	224.42	224.42
DISCCART	369164.10	4332708.90	223.98	223.98
DISCCART	369164.10	4332808.90	223.91	223.91
DISCCART	369164.10	4332908.90	224.11	224.11
DISCCART	369164.10	4333008.90	223.93	223.93
DISCCART	369164.10	4333108.90	223.71	223.71
DISCCART	369164.10	4333208.90	223.91	223.91
DISCCART	369164.10	4333308.90	224.58	225.18
DISCCART	369164.10	4333408.90	224.19	224.19
DISCCART	369164.10	4333508.90	224.39	224.39
DISCCART	369164.10	4333608.90	224.59	224.59
DISCCART	369164.10	4333708.90	224.82	224.82
DISCCART	369164.10	4333808.90	224.00	225.04
DISCCART	369164.10	4333908.90	225.07	225.07
DISCCART	369164.10	4334008.90	226.81	229.27
DISCCART	369164.10	4334108.90	224.35	224.35
DISCCART	369164.10	4334208.90	224.58	224.58
DISCCART	369164.10	4334308.90	224.51	224.51
DISCCART	369164.10	4334408.90	222.72	222.72
DISCCART	369164.10	4334508.90	218.05	218.05
DISCCART	369209.70	4334600.70	217.65	217.65
DISCCART	369218.60	4325538.20	239.75	239.75
DISCCART	369264.10	4325608.90	234.45	255.12
DISCCART	369264.10	4325708.90	232.73	256.56
DISCCART	369264.10	4325808.90	244.22	256.34
DISCCART	369264.10	4325908.90	248.70	253.88
DISCCART	369264.10	4326008.90	239.55	271.53
DISCCART	369264.10	4326108.90	241.85	273.92
DISCCART	369264.10	4326208.90	253.97	271.43
DISCCART	369264.10	4326308.90	262.60	265.28
DISCCART	369264.10	4326408.90	250.20	273.38
DISCCART	369264.10	4326508.90	235.42	282.87
DISCCART	369264.10	4326608.90	252.55	254.29
DISCCART	369264.10	4326708.90	255.13	282.78
DISCCART	369264.10	4326808.90	261.68	282.78
DISCCART	369264.10	4326908.90	271.60	282.78
DISCCART	369264.10	4327008.90	277.96	277.96
DISCCART	369264.10	4327108.90	268.80	280.97
DISCCART	369264.10	4327208.90	262.68	269.65
DISCCART	369264.10	4327308.90	250.03	283.46
DISCCART	369264.10	4327408.90	252.92	277.34
DISCCART	369264.10	4327508.90	254.05	275.55
DISCCART	369264.10	4327608.90	246.21	284.94
DISCCART	369264.10	4327708.90	254.28	284.94

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DISCCART	369264.10	4327808.90	257.19	290.36
DISCCART	369264.10	4327908.90	262.98	290.42
DISCCART	369264.10	4328008.90	269.42	290.42
DISCCART	369264.10	4328108.90	283.33	288.48
DISCCART	369264.10	4328208.90	288.39	288.39
DISCCART	369264.10	4328308.90	282.45	288.40
DISCCART	369264.10	4328408.90	276.86	276.86
DISCCART	369264.10	4328508.90	270.86	270.86
DISCCART	369264.10	4328608.90	272.04	272.04
DISCCART	369264.10	4328708.90	269.66	269.66
DISCCART	369264.10	4328808.90	262.35	262.35
DISCCART	369264.10	4328908.90	258.52	258.52
DISCCART	369264.10	4329008.90	254.09	254.09
DISCCART	369264.10	4329108.90	246.92	246.92
DISCCART	369264.10	4329208.90	243.49	247.36
DISCCART	369264.10	4329308.90	238.29	239.07
DISCCART	369264.10	4329408.90	233.82	233.82
DISCCART	369264.10	4329508.90	231.91	236.92
DISCCART	369264.10	4329608.90	237.97	237.97
DISCCART	369264.10	4329708.90	244.54	248.55
DISCCART	369264.10	4329808.90	251.16	251.16
DISCCART	369264.10	4329908.90	253.24	253.24
DISCCART	369264.10	4330008.90	254.52	254.52
DISCCART	369264.10	4330108.90	254.15	254.15
DISCCART	369264.10	4330208.90	254.83	254.83
DISCCART	369264.10	4330308.90	248.30	248.30
DISCCART	369264.10	4330408.90	250.26	250.26
DISCCART	369264.10	4330508.90	252.37	253.92
DISCCART	369264.10	4330608.90	254.59	254.59
DISCCART	369264.10	4330708.90	250.71	258.54
DISCCART	369264.10	4330808.90	248.26	250.07
DISCCART	369264.10	4330908.90	249.44	265.33
DISCCART	369264.10	4331008.90	259.30	264.26
DISCCART	369264.10	4331108.90	259.63	264.82
DISCCART	369264.10	4331208.90	225.61	282.02
DISCCART	369264.10	4331308.90	224.94	282.02
DISCCART	369264.10	4331408.90	226.97	274.33
DISCCART	369264.10	4331508.90	227.12	227.12
DISCCART	369264.10	4331608.90	226.33	226.33
DISCCART	369264.10	4331708.90	225.22	225.22
DISCCART	369264.10	4331808.90	225.36	225.36
DISCCART	369264.10	4331908.90	224.53	224.53
DISCCART	369264.10	4332008.90	226.51	226.51
DISCCART	369264.10	4332108.90	226.65	226.65
DISCCART	369264.10	4332208.90	224.21	224.21
DISCCART	369264.10	4332308.90	224.76	224.76
DISCCART	369264.10	4332408.90	224.63	224.63
DISCCART	369264.10	4332508.90	223.80	223.80
DISCCART	369264.10	4332608.90	224.19	224.19
DISCCART	369264.10	4332708.90	223.08	223.08
DISCCART	369264.10	4332808.90	223.98	223.98
DISCCART	369264.10	4332908.90	223.60	223.60
DISCCART	369264.10	4333008.90	223.53	223.53
DISCCART	369264.10	4333108.90	223.51	223.51

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DISCCART	369264.10	4333208.90	223.26	223.26
DISCCART	369264.10	4333308.90	223.87	223.87
DISCCART	369264.10	4333408.90	224.53	224.53
DISCCART	369264.10	4333508.90	224.03	225.00
DISCCART	369264.10	4333608.90	224.01	224.01
DISCCART	369264.10	4333708.90	224.11	224.11
DISCCART	369264.10	4333808.90	223.50	223.50
DISCCART	369264.10	4333908.90	224.95	224.95
DISCCART	369264.10	4334008.90	224.43	229.28
DISCCART	369264.10	4334108.90	224.61	224.61
DISCCART	369264.10	4334208.90	223.56	223.56
DISCCART	369264.10	4334308.90	224.74	224.74
DISCCART	369264.10	4334408.90	223.39	224.20
DISCCART	369264.10	4334508.90	218.49	218.49
DISCCART	369264.10	4334608.90	217.64	217.64
DISCCART	369304.10	4325486.30	237.91	237.91
DISCCART	369308.60	4334615.90	217.73	217.73
DISCCART	369364.10	4325508.90	231.43	238.13
DISCCART	369364.10	4325608.90	233.38	233.38
DISCCART	369364.10	4325708.90	231.97	256.34
DISCCART	369364.10	4325808.90	231.69	256.36
DISCCART	369364.10	4325908.90	231.43	262.59
DISCCART	369364.10	4326008.90	235.27	271.01
DISCCART	369364.10	4326108.90	247.45	248.44
DISCCART	369364.10	4326208.90	252.29	256.35
DISCCART	369364.10	4326308.90	255.45	255.45
DISCCART	369364.10	4326408.90	249.83	256.60
DISCCART	369364.10	4326508.90	228.12	285.99
DISCCART	369364.10	4326608.90	244.85	282.78
DISCCART	369364.10	4326708.90	251.26	282.78
DISCCART	369364.10	4326808.90	260.21	282.78
DISCCART	369364.10	4326908.90	272.88	272.88
DISCCART	369364.10	4327008.90	263.52	282.78
DISCCART	369364.10	4327108.90	261.08	280.97
DISCCART	369364.10	4327208.90	261.89	269.65
DISCCART	369364.10	4327308.90	257.53	267.46
DISCCART	369364.10	4327408.90	246.84	275.24
DISCCART	369364.10	4327508.90	242.42	277.12
DISCCART	369364.10	4327608.90	248.35	281.64
DISCCART	369364.10	4327708.90	260.48	275.03
DISCCART	369364.10	4327808.90	264.56	289.25
DISCCART	369364.10	4327908.90	270.57	290.36
DISCCART	369364.10	4328008.90	284.96	285.44
DISCCART	369364.10	4328108.90	289.31	289.31
DISCCART	369364.10	4328208.90	286.87	288.68
DISCCART	369364.10	4328308.90	281.05	281.05
DISCCART	369364.10	4328408.90	275.91	275.91
DISCCART	369364.10	4328508.90	269.64	269.64
DISCCART	369364.10	4328608.90	265.14	269.02
DISCCART	369364.10	4328708.90	269.55	269.55
DISCCART	369364.10	4328808.90	264.53	264.53
DISCCART	369364.10	4328908.90	257.23	258.14
DISCCART	369364.10	4329008.90	252.50	254.30
DISCCART	369364.10	4329108.90	252.67	252.67

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DISCCART	369364.10	4329208.90	245.83	256.08
DISCCART	369364.10	4329308.90	240.05	253.94
DISCCART	369364.10	4329408.90	234.96	234.96
DISCCART	369364.10	4329508.90	232.12	232.12
DISCCART	369364.10	4329608.90	233.91	241.82
DISCCART	369364.10	4329708.90	241.90	247.03
DISCCART	369364.10	4329808.90	248.48	248.48
DISCCART	369364.10	4329908.90	250.52	253.91
DISCCART	369364.10	4330008.90	252.87	252.87
DISCCART	369364.10	4330108.90	248.32	248.32
DISCCART	369364.10	4330208.90	252.22	252.22
DISCCART	369364.10	4330308.90	247.43	249.99
DISCCART	369364.10	4330408.90	245.52	247.68
DISCCART	369364.10	4330508.90	247.06	247.06
DISCCART	369364.10	4330608.90	247.13	249.93
DISCCART	369364.10	4330708.90	243.38	255.38
DISCCART	369364.10	4330808.90	251.27	259.29
DISCCART	369364.10	4330908.90	259.01	259.01
DISCCART	369364.10	4331008.90	261.31	266.01
DISCCART	369364.10	4331108.90	260.83	265.69
DISCCART	369364.10	4331208.90	224.67	278.27
DISCCART	369364.10	4331308.90	225.08	274.33
DISCCART	369364.10	4331408.90	226.81	271.08
DISCCART	369364.10	4331508.90	226.85	226.85
DISCCART	369364.10	4331608.90	225.86	225.86
DISCCART	369364.10	4331708.90	223.80	223.80
DISCCART	369364.10	4331808.90	225.45	225.45
DISCCART	369364.10	4331908.90	224.56	224.56
DISCCART	369364.10	4332008.90	226.21	226.21
DISCCART	369364.10	4332108.90	226.08	226.08
DISCCART	369364.10	4332208.90	223.75	223.75
DISCCART	369364.10	4332308.90	225.37	225.37
DISCCART	369364.10	4332408.90	224.00	224.75
DISCCART	369364.10	4332508.90	223.99	223.99
DISCCART	369364.10	4332608.90	223.99	223.99
DISCCART	369364.10	4332708.90	223.11	223.11
DISCCART	369364.10	4332808.90	224.80	224.80
DISCCART	369364.10	4332908.90	223.31	223.31
DISCCART	369364.10	4333008.90	223.43	223.43
DISCCART	369364.10	4333108.90	224.43	224.43
DISCCART	369364.10	4333208.90	223.58	223.58
DISCCART	369364.10	4333308.90	224.24	224.24
DISCCART	369364.10	4333408.90	223.89	223.89
DISCCART	369364.10	4333508.90	224.82	224.82
DISCCART	369364.10	4333608.90	224.15	224.15
DISCCART	369364.10	4333708.90	223.83	223.83
DISCCART	369364.10	4333808.90	223.87	223.87
DISCCART	369364.10	4333908.90	224.03	224.03
DISCCART	369364.10	4334008.90	224.30	229.23
DISCCART	369364.10	4334108.90	225.46	225.46
DISCCART	369364.10	4334208.90	224.80	224.80
DISCCART	369364.10	4334308.90	224.82	224.82
DISCCART	369364.10	4334408.90	223.98	223.98
DISCCART	369364.10	4334508.90	218.75	224.36

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DISCCART	369364.10	4334608.90	217.65	217.65
DISCCART	369389.50	4325434.30	235.87	235.87
DISCCART	369407.40	4334631.10	217.67	217.67
DISCCART	369421.90	4334633.30	217.65	217.65
DISCCART	369464.10	4325408.90	233.69	235.49
DISCCART	369464.10	4325508.90	231.90	231.90
DISCCART	369464.10	4325608.90	229.61	229.61
DISCCART	369464.10	4325708.90	231.13	231.13
DISCCART	369464.10	4325808.90	229.29	253.95
DISCCART	369464.10	4325908.90	222.18	269.91
DISCCART	369464.10	4326008.90	221.86	273.10
DISCCART	369464.10	4326108.90	230.37	271.66
DISCCART	369464.10	4326208.90	233.67	271.66
DISCCART	369464.10	4326308.90	243.25	264.16
DISCCART	369464.10	4326408.90	243.96	254.00
DISCCART	369464.10	4326508.90	227.26	282.78
DISCCART	369464.10	4326608.90	250.59	259.13
DISCCART	369464.10	4326708.90	260.14	260.14
DISCCART	369464.10	4326808.90	267.16	271.59
DISCCART	369464.10	4326908.90	273.85	273.85
DISCCART	369464.10	4327008.90	264.68	274.23
DISCCART	369464.10	4327108.90	253.76	280.97
DISCCART	369464.10	4327208.90	250.34	278.29
DISCCART	369464.10	4327308.90	254.05	254.05
DISCCART	369464.10	4327408.90	242.56	269.22
DISCCART	369464.10	4327508.90	242.70	277.71
DISCCART	369464.10	4327608.90	252.84	277.71
DISCCART	369464.10	4327708.90	263.24	277.12
DISCCART	369464.10	4327808.90	271.67	281.44
DISCCART	369464.10	4327908.90	280.36	281.26
DISCCART	369464.10	4328008.90	286.43	286.43
DISCCART	369464.10	4328108.90	288.65	289.46
DISCCART	369464.10	4328208.90	285.36	286.08
DISCCART	369464.10	4328308.90	280.01	280.01
DISCCART	369464.10	4328408.90	267.98	281.07
DISCCART	369464.10	4328508.90	262.28	277.01
DISCCART	369464.10	4328608.90	260.49	271.14
DISCCART	369464.10	4328708.90	260.80	263.05
DISCCART	369464.10	4328808.90	263.96	264.34
DISCCART	369464.10	4328908.90	263.44	263.44
DISCCART	369464.10	4329008.90	258.50	258.50
DISCCART	369464.10	4329108.90	255.53	257.06
DISCCART	369464.10	4329208.90	251.46	254.12
DISCCART	369464.10	4329308.90	241.84	254.12
DISCCART	369464.10	4329408.90	238.16	238.16
DISCCART	369464.10	4329508.90	233.29	233.29
DISCCART	369464.10	4329608.90	233.49	233.49
DISCCART	369464.10	4329708.90	236.90	238.89
DISCCART	369464.10	4329808.90	239.19	251.37
DISCCART	369464.10	4329908.90	243.63	250.97
DISCCART	369464.10	4330008.90	246.85	248.59
DISCCART	369464.10	4330108.90	243.73	245.81
DISCCART	369464.10	4330208.90	247.51	247.51
DISCCART	369464.10	4330308.90	246.37	246.37

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DISCCART	369464.10	4330408.90	243.22	243.22
DISCCART	369464.10	4330508.90	242.22	246.12
DISCCART	369464.10	4330608.90	239.79	245.67
DISCCART	369464.10	4330708.90	241.05	247.59
DISCCART	369464.10	4330808.90	247.56	271.08
DISCCART	369464.10	4330908.90	256.93	271.08
DISCCART	369464.10	4331008.90	264.18	271.08
DISCCART	369464.10	4331108.90	256.08	271.08
DISCCART	369464.10	4331208.90	225.70	271.08
DISCCART	369464.10	4331308.90	225.48	271.08
DISCCART	369464.10	4331408.90	226.59	271.08
DISCCART	369464.10	4331508.90	226.68	226.68
DISCCART	369464.10	4331608.90	225.57	225.57
DISCCART	369464.10	4331708.90	223.81	225.22
DISCCART	369464.10	4331808.90	225.13	225.13
DISCCART	369464.10	4331908.90	224.54	224.54
DISCCART	369464.10	4332008.90	225.48	225.48
DISCCART	369464.10	4332108.90	226.79	226.79
DISCCART	369464.10	4332208.90	223.20	223.20
DISCCART	369464.10	4332308.90	223.15	223.15
DISCCART	369464.10	4332408.90	224.30	224.30
DISCCART	369464.10	4332508.90	223.95	223.95
DISCCART	369464.10	4332608.90	223.20	223.20
DISCCART	369464.10	4332708.90	223.05	223.05
DISCCART	369464.10	4332808.90	224.32	224.32
DISCCART	369464.10	4332908.90	223.75	223.75
DISCCART	369464.10	4333008.90	223.90	223.90
DISCCART	369464.10	4333108.90	223.72	223.72
DISCCART	369464.10	4333208.90	223.77	223.77
DISCCART	369464.10	4333308.90	223.87	223.87
DISCCART	369464.10	4333408.90	223.76	223.76
DISCCART	369464.10	4333508.90	224.88	224.88
DISCCART	369464.10	4333608.90	224.77	224.77
DISCCART	369464.10	4333708.90	223.55	223.55
DISCCART	369464.10	4333808.90	224.32	224.77
DISCCART	369464.10	4333908.90	224.24	224.24
DISCCART	369464.10	4334008.90	224.19	224.19
DISCCART	369464.10	4334108.90	226.25	226.25
DISCCART	369464.10	4334208.90	224.42	224.42
DISCCART	369464.10	4334308.90	225.33	225.33
DISCCART	369464.10	4334408.90	224.29	224.29
DISCCART	369464.10	4334508.90	219.88	219.88
DISCCART	369464.10	4334608.90	217.61	217.61
DISCCART	369474.90	4325382.40	235.43	235.43
DISCCART	369506.90	4334640.90	217.62	217.62
DISCCART	369560.40	4325330.40	227.84	236.23
DISCCART	369564.10	4325408.90	229.92	229.92
DISCCART	369564.10	4325508.90	231.05	231.05
DISCCART	369564.10	4325608.90	229.79	232.45
DISCCART	369564.10	4325708.90	225.24	231.93
DISCCART	369564.10	4325808.90	221.34	252.81
DISCCART	369564.10	4325908.90	231.92	233.12
DISCCART	369564.10	4326008.90	233.37	234.63
DISCCART	369564.10	4326108.90	219.70	272.26

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DISCCART	369564.10	4326208.90	230.67	268.00
DISCCART	369564.10	4326308.90	230.83	268.99
DISCCART	369564.10	4326408.90	228.38	269.79
DISCCART	369564.10	4326508.90	233.89	274.35
DISCCART	369564.10	4326608.90	245.61	271.38
DISCCART	369564.10	4326708.90	247.71	274.71
DISCCART	369564.10	4326808.90	253.89	274.71
DISCCART	369564.10	4326908.90	266.84	273.83
DISCCART	369564.10	4327008.90	269.49	269.49
DISCCART	369564.10	4327108.90	258.99	272.13
DISCCART	369564.10	4327208.90	252.36	260.87
DISCCART	369564.10	4327308.90	239.43	272.13
DISCCART	369564.10	4327408.90	233.55	276.64
DISCCART	369564.10	4327508.90	247.20	256.26
DISCCART	369564.10	4327608.90	253.74	275.79
DISCCART	369564.10	4327708.90	259.56	281.64
DISCCART	369564.10	4327808.90	269.68	280.91
DISCCART	369564.10	4327908.90	275.77	279.16
DISCCART	369564.10	4328008.90	274.57	289.59
DISCCART	369564.10	4328108.90	279.13	288.50
DISCCART	369564.10	4328208.90	284.15	284.15
DISCCART	369564.10	4328308.90	280.33	280.33
DISCCART	369564.10	4328408.90	276.88	276.88
DISCCART	369564.10	4328508.90	273.51	273.51
DISCCART	369564.10	4328608.90	265.89	265.89
DISCCART	369564.10	4328708.90	257.70	259.95
DISCCART	369564.10	4328808.90	255.12	264.13
DISCCART	369564.10	4328908.90	259.17	261.37
DISCCART	369564.10	4329008.90	257.94	257.94
DISCCART	369564.10	4329108.90	247.74	259.32
DISCCART	369564.10	4329208.90	240.93	257.20
DISCCART	369564.10	4329308.90	239.47	252.33
DISCCART	369564.10	4329408.90	238.84	245.35
DISCCART	369564.10	4329508.90	237.17	237.17
DISCCART	369564.10	4329608.90	233.36	235.81
DISCCART	369564.10	4329708.90	232.23	232.23
DISCCART	369564.10	4329808.90	236.58	236.58
DISCCART	369564.10	4329908.90	245.47	245.47
DISCCART	369564.10	4330008.90	243.69	243.69
DISCCART	369564.10	4330108.90	242.94	242.94
DISCCART	369564.10	4330208.90	243.83	243.83
DISCCART	369564.10	4330308.90	245.31	245.31
DISCCART	369564.10	4330408.90	241.74	241.74
DISCCART	369564.10	4330508.90	240.06	240.06
DISCCART	369564.10	4330608.90	238.64	238.64
DISCCART	369564.10	4330708.90	242.65	243.98
DISCCART	369564.10	4330808.90	249.25	249.25
DISCCART	369564.10	4330908.90	255.10	271.08
DISCCART	369564.10	4331008.90	263.22	271.08
DISCCART	369564.10	4331108.90	244.64	271.08
DISCCART	369564.10	4331208.90	224.51	271.08
DISCCART	369564.10	4331308.90	225.80	271.08
DISCCART	369564.10	4331408.90	226.71	271.08
DISCCART	369564.10	4331508.90	226.92	226.92

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	369564.10	4331608.90	225.81	225.81
DISCCART	369564.10	4331708.90	223.89	223.89
DISCCART	369564.10	4331808.90	224.37	224.37
DISCCART	369564.10	4331908.90	224.65	224.65
DISCCART	369564.10	4332008.90	225.21	225.21
DISCCART	369564.10	4332108.90	225.66	226.01
DISCCART	369564.10	4332208.90	223.73	223.73
DISCCART	369564.10	4332308.90	223.58	223.58
DISCCART	369564.10	4332408.90	224.37	224.37
DISCCART	369564.10	4332508.90	223.58	223.58
DISCCART	369564.10	4332608.90	224.82	224.82
DISCCART	369564.10	4332708.90	222.85	222.85
DISCCART	369564.10	4332808.90	224.82	224.82
DISCCART	369564.10	4332908.90	224.33	224.33
DISCCART	369564.10	4333008.90	224.44	224.44
DISCCART	369564.10	4333108.90	223.77	223.77
DISCCART	369564.10	4333208.90	223.82	223.82
DISCCART	369564.10	4333308.90	224.67	224.67
DISCCART	369564.10	4333408.90	224.15	224.15
DISCCART	369564.10	4333508.90	223.96	223.96
DISCCART	369564.10	4333608.90	224.44	224.44
DISCCART	369564.10	4333708.90	223.33	223.33
DISCCART	369564.10	4333808.90	223.71	223.71
DISCCART	369564.10	4333908.90	224.30	224.30
DISCCART	369564.10	4334008.90	223.98	223.98
DISCCART	369564.10	4334108.90	227.20	229.01
DISCCART	369564.10	4334208.90	224.73	224.73
DISCCART	369564.10	4334308.90	225.55	225.55
DISCCART	369564.10	4334408.90	223.60	223.60
DISCCART	369564.10	4334508.90	220.37	220.37
DISCCART	369564.10	4334608.90	217.82	217.82
DISCCART	369577.30	4325320.10	228.66	236.23
DISCCART	369606.50	4334649.80	217.62	217.62
DISCCART	369645.60	4325278.00	227.31	229.58
DISCCART	369664.10	4325308.90	223.44	232.62
DISCCART	369664.10	4325408.90	220.57	236.23
DISCCART	369664.10	4325508.90	220.03	232.42
DISCCART	369664.10	4325608.90	224.40	233.19
DISCCART	369664.10	4325708.90	229.91	233.58
DISCCART	369664.10	4325808.90	233.29	233.29
DISCCART	369664.10	4325908.90	231.92	234.14
DISCCART	369664.10	4326008.90	234.24	234.24
DISCCART	369664.10	4326108.90	231.39	233.27
DISCCART	369664.10	4326208.90	220.38	268.99
DISCCART	369664.10	4326308.90	230.48	230.48
DISCCART	369664.10	4326408.90	230.74	230.74
DISCCART	369664.10	4326508.90	225.91	274.71
DISCCART	369664.10	4326608.90	224.81	282.34
DISCCART	369664.10	4326708.90	242.27	274.52
DISCCART	369664.10	4326808.90	252.85	273.83
DISCCART	369664.10	4326908.90	255.07	273.96
DISCCART	369664.10	4327008.90	259.45	273.14
DISCCART	369664.10	4327108.90	258.77	258.77
DISCCART	369664.10	4327208.90	251.24	260.87

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DISCCART	369664.10	4327308.90	231.01	274.22
DISCCART	369664.10	4327408.90	247.12	255.74
DISCCART	369664.10	4327508.90	256.21	256.21
DISCCART	369664.10	4327608.90	258.33	263.37
DISCCART	369664.10	4327708.90	263.75	268.52
DISCCART	369664.10	4327808.90	269.55	269.94
DISCCART	369664.10	4327908.90	262.98	288.34
DISCCART	369664.10	4328008.90	267.44	284.29
DISCCART	369664.10	4328108.90	277.86	277.86
DISCCART	369664.10	4328208.90	279.13	280.95
DISCCART	369664.10	4328308.90	273.22	280.02
DISCCART	369664.10	4328408.90	266.66	280.36
DISCCART	369664.10	4328508.90	262.75	276.90
DISCCART	369664.10	4328608.90	259.68	273.13
DISCCART	369664.10	4328708.90	258.33	259.18
DISCCART	369664.10	4328808.90	248.86	261.01
DISCCART	369664.10	4328908.90	247.27	263.46
DISCCART	369664.10	4329008.90	245.92	262.69
DISCCART	369664.10	4329108.90	244.12	257.65
DISCCART	369664.10	4329208.90	248.95	248.95
DISCCART	369664.10	4329308.90	248.14	249.60
DISCCART	369664.10	4329408.90	242.58	243.76
DISCCART	369664.10	4329508.90	239.40	239.40
DISCCART	369664.10	4329608.90	233.37	244.77
DISCCART	369664.10	4329708.90	231.65	231.65
DISCCART	369664.10	4329808.90	233.48	234.08
DISCCART	369664.10	4329908.90	242.04	242.04
DISCCART	369664.10	4330008.90	241.64	241.64
DISCCART	369664.10	4330108.90	240.63	240.63
DISCCART	369664.10	4330208.90	239.87	239.87
DISCCART	369664.10	4330308.90	239.35	239.35
DISCCART	369664.10	4330408.90	234.46	235.82
DISCCART	369664.10	4330508.90	233.80	233.80
DISCCART	369664.10	4330608.90	233.96	233.96
DISCCART	369664.10	4330708.90	233.25	271.08
DISCCART	369664.10	4330808.90	233.86	271.08
DISCCART	369664.10	4330908.90	232.62	271.08
DISCCART	369664.10	4331008.90	231.63	271.08
DISCCART	369664.10	4331108.90	229.29	271.08
DISCCART	369664.10	4331208.90	224.70	271.08
DISCCART	369664.10	4331308.90	226.20	271.08
DISCCART	369664.10	4331408.90	226.66	271.08
DISCCART	369664.10	4331508.90	226.58	226.58
DISCCART	369664.10	4331608.90	226.00	226.00
DISCCART	369664.10	4331708.90	225.10	226.63
DISCCART	369664.10	4331808.90	223.92	223.92
DISCCART	369664.10	4331908.90	224.67	224.67
DISCCART	369664.10	4332008.90	225.32	225.32
DISCCART	369664.10	4332108.90	224.28	224.28
DISCCART	369664.10	4332208.90	223.61	223.61
DISCCART	369664.10	4332308.90	224.30	224.30
DISCCART	369664.10	4332408.90	223.68	223.68
DISCCART	369664.10	4332508.90	223.32	223.32
DISCCART	369664.10	4332608.90	223.34	223.34

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DISCCART	369664.10	4332708.90	223.09	223.09
DISCCART	369664.10	4332808.90	223.99	223.99
DISCCART	369664.10	4332908.90	223.78	223.78
DISCCART	369664.10	4333008.90	223.97	223.97
DISCCART	369664.10	4333108.90	223.95	223.95
DISCCART	369664.10	4333208.90	223.76	223.76
DISCCART	369664.10	4333308.90	223.92	223.92
DISCCART	369664.10	4333408.90	224.71	224.71
DISCCART	369664.10	4333508.90	223.75	223.75
DISCCART	369664.10	4333608.90	223.90	223.90
DISCCART	369664.10	4333708.90	223.78	223.78
DISCCART	369664.10	4333808.90	223.24	223.24
DISCCART	369664.10	4333908.90	224.50	224.50
DISCCART	369664.10	4334008.90	224.33	224.33
DISCCART	369664.10	4334108.90	228.70	228.70
DISCCART	369664.10	4334208.90	224.86	224.86
DISCCART	369664.10	4334308.90	226.38	226.38
DISCCART	369664.10	4334408.90	225.19	225.19
DISCCART	369664.10	4334508.90	220.29	220.29
DISCCART	369664.10	4334608.90	217.76	217.76
DISCCART	369706.10	4334658.70	217.65	217.65
DISCCART	369730.70	4325225.60	225.06	237.09
DISCCART	369764.10	4325208.90	230.82	230.82
DISCCART	369764.10	4325308.90	232.78	232.78
DISCCART	369764.10	4325408.90	232.51	232.51
DISCCART	369764.10	4325508.90	231.89	231.89
DISCCART	369764.10	4325608.90	231.74	231.74
DISCCART	369764.10	4325708.90	233.56	233.56
DISCCART	369764.10	4325808.90	232.87	232.87
DISCCART	369764.10	4325908.90	233.43	233.43
DISCCART	369764.10	4326008.90	232.48	233.28
DISCCART	369764.10	4326108.90	232.73	232.73
DISCCART	369764.10	4326208.90	227.89	230.19
DISCCART	369764.10	4326308.90	221.96	230.78
DISCCART	369764.10	4326408.90	227.19	230.45
DISCCART	369764.10	4326508.90	226.01	256.69
DISCCART	369764.10	4326608.90	226.42	274.71
DISCCART	369764.10	4326708.90	231.15	274.71
DISCCART	369764.10	4326808.90	238.75	274.52
DISCCART	369764.10	4326908.90	243.17	274.34
DISCCART	369764.10	4327008.90	252.39	252.39
DISCCART	369764.10	4327108.90	247.14	270.32
DISCCART	369764.10	4327208.90	241.89	270.15
DISCCART	369764.10	4327308.90	239.07	260.80
DISCCART	369764.10	4327408.90	246.39	255.74
DISCCART	369764.10	4327508.90	250.91	258.87
DISCCART	369764.10	4327608.90	258.14	265.58
DISCCART	369764.10	4327708.90	262.16	267.23
DISCCART	369764.10	4327808.90	259.83	269.17
DISCCART	369764.10	4327908.90	258.40	274.19
DISCCART	369764.10	4328008.90	265.82	275.76
DISCCART	369764.10	4328108.90	265.69	283.52
DISCCART	369764.10	4328208.90	272.06	274.75
DISCCART	369764.10	4328308.90	274.56	278.39

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DISCCART	369764.10	4328408.90	275.48	275.48
DISCCART	369764.10	4328508.90	269.42	274.92
DISCCART	369764.10	4328608.90	263.26	273.05
DISCCART	369764.10	4328708.90	257.15	268.79
DISCCART	369764.10	4328808.90	259.91	259.91
DISCCART	369764.10	4328908.90	251.01	260.89
DISCCART	369764.10	4329008.90	250.96	260.98
DISCCART	369764.10	4329108.90	251.28	257.94
DISCCART	369764.10	4329208.90	253.05	253.05
DISCCART	369764.10	4329308.90	252.16	258.12
DISCCART	369764.10	4329408.90	247.94	257.47
DISCCART	369764.10	4329508.90	245.13	247.93
DISCCART	369764.10	4329608.90	238.20	248.01
DISCCART	369764.10	4329708.90	231.82	231.82
DISCCART	369764.10	4329808.90	230.96	230.96
DISCCART	369764.10	4329908.90	229.76	246.09
DISCCART	369764.10	4330008.90	233.10	241.59
DISCCART	369764.10	4330108.90	233.36	241.45
DISCCART	369764.10	4330208.90	232.29	240.39
DISCCART	369764.10	4330308.90	232.05	236.88
DISCCART	369764.10	4330408.90	229.95	235.49
DISCCART	369764.10	4330508.90	230.07	230.07
DISCCART	369764.10	4330608.90	229.58	229.58
DISCCART	369764.10	4330708.90	230.00	230.00
DISCCART	369764.10	4330808.90	229.23	271.08
DISCCART	369764.10	4330908.90	229.55	271.08
DISCCART	369764.10	4331008.90	229.20	271.08
DISCCART	369764.10	4331108.90	225.79	271.08
DISCCART	369764.10	4331208.90	228.85	271.08
DISCCART	369764.10	4331308.90	225.95	271.08
DISCCART	369764.10	4331408.90	226.93	226.93
DISCCART	369764.10	4331508.90	226.49	226.49
DISCCART	369764.10	4331608.90	226.13	226.13
DISCCART	369764.10	4331708.90	224.84	225.46
DISCCART	369764.10	4331808.90	223.94	223.94
DISCCART	369764.10	4331908.90	224.85	224.85
DISCCART	369764.10	4332008.90	226.60	226.60
DISCCART	369764.10	4332108.90	224.88	227.99
DISCCART	369764.10	4332208.90	223.85	223.85
DISCCART	369764.10	4332308.90	224.00	224.00
DISCCART	369764.10	4332408.90	223.89	223.89
DISCCART	369764.10	4332508.90	223.77	223.77
DISCCART	369764.10	4332608.90	224.06	224.06
DISCCART	369764.10	4332708.90	223.81	223.81
DISCCART	369764.10	4332808.90	223.61	223.61
DISCCART	369764.10	4332908.90	223.73	223.73
DISCCART	369764.10	4333008.90	224.18	224.18
DISCCART	369764.10	4333108.90	224.92	224.92
DISCCART	369764.10	4333208.90	224.03	224.03
DISCCART	369764.10	4333308.90	223.90	223.90
DISCCART	369764.10	4333408.90	224.45	224.45
DISCCART	369764.10	4333508.90	223.41	225.58
DISCCART	369764.10	4333608.90	223.75	223.75
DISCCART	369764.10	4333708.90	223.70	223.70

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DISCCART	369764.10	4333808.90	223.63	223.63
DISCCART	369764.10	4333908.90	223.86	223.86
DISCCART	369764.10	4334008.90	224.32	230.36
DISCCART	369764.10	4334108.90	228.76	228.76
DISCCART	369764.10	4334208.90	224.57	224.57
DISCCART	369764.10	4334308.90	226.11	226.11
DISCCART	369764.10	4334408.90	225.99	225.99
DISCCART	369764.10	4334508.90	219.59	222.58
DISCCART	369764.10	4334608.90	217.72	217.72
DISCCART	369777.50	4334665.10	217.59	217.59
DISCCART	369805.80	4334664.60	217.53	217.53
DISCCART	369815.90	4325173.20	231.12	237.09
DISCCART	369864.10	4325208.90	231.89	231.89
DISCCART	369864.10	4325308.90	233.59	233.59
DISCCART	369864.10	4325408.90	233.54	233.54
DISCCART	369864.10	4325508.90	232.62	232.62
DISCCART	369864.10	4325608.90	232.14	232.14
DISCCART	369864.10	4325708.90	233.90	233.90
DISCCART	369864.10	4325808.90	230.42	230.42
DISCCART	369864.10	4325908.90	230.12	230.12
DISCCART	369864.10	4326008.90	230.04	230.04
DISCCART	369864.10	4326108.90	230.03	232.95
DISCCART	369864.10	4326208.90	231.26	231.26
DISCCART	369864.10	4326308.90	225.90	231.43
DISCCART	369864.10	4326408.90	220.87	231.75
DISCCART	369864.10	4326508.90	227.24	228.35
DISCCART	369864.10	4326608.90	225.94	225.94
DISCCART	369864.10	4326708.90	230.69	273.83
DISCCART	369864.10	4326808.90	232.78	273.97
DISCCART	369864.10	4326908.90	235.35	273.96
DISCCART	369864.10	4327008.90	236.85	273.83
DISCCART	369864.10	4327108.90	243.06	252.49
DISCCART	369864.10	4327208.90	242.69	242.69
DISCCART	369864.10	4327308.90	245.60	259.25
DISCCART	369864.10	4327408.90	252.17	259.25
DISCCART	369864.10	4327508.90	257.24	260.45
DISCCART	369864.10	4327608.90	259.17	261.31
DISCCART	369864.10	4327708.90	254.40	261.85
DISCCART	369864.10	4327808.90	253.10	260.78
DISCCART	369864.10	4327908.90	258.83	258.83
DISCCART	369864.10	4328008.90	261.00	262.78
DISCCART	369864.10	4328108.90	256.97	283.52
DISCCART	369864.10	4328208.90	263.85	273.30
DISCCART	369864.10	4328308.90	268.21	278.17
DISCCART	369864.10	4328408.90	269.32	276.75
DISCCART	369864.10	4328508.90	268.08	274.08
DISCCART	369864.10	4328608.90	269.48	269.48
DISCCART	369864.10	4328708.90	265.38	265.38
DISCCART	369864.10	4328808.90	262.03	262.03
DISCCART	369864.10	4328908.90	259.40	259.40
DISCCART	369864.10	4329008.90	259.70	262.42
DISCCART	369864.10	4329108.90	258.94	258.94
DISCCART	369864.10	4329208.90	258.87	260.41
DISCCART	369864.10	4329308.90	258.41	259.32

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DISCCART	369864.10	4329408.90	254.02	255.59
DISCCART	369864.10	4329508.90	247.09	249.02
DISCCART	369864.10	4329608.90	240.53	240.53
DISCCART	369864.10	4329708.90	235.55	236.09
DISCCART	369864.10	4329808.90	230.48	230.48
DISCCART	369864.10	4329908.90	232.38	232.38
DISCCART	369864.10	4330008.90	230.96	230.96
DISCCART	369864.10	4330108.90	230.39	230.39
DISCCART	369864.10	4330208.90	229.89	229.89
DISCCART	369864.10	4330308.90	228.85	232.62
DISCCART	369864.10	4330408.90	228.97	228.97
DISCCART	369864.10	4330508.90	228.83	228.83
DISCCART	369864.10	4330608.90	228.95	228.95
DISCCART	369864.10	4330708.90	229.26	229.26
DISCCART	369864.10	4330808.90	229.78	229.78
DISCCART	369864.10	4330908.90	227.28	271.08
DISCCART	369864.10	4331008.90	225.65	271.08
DISCCART	369864.10	4331108.90	224.51	271.08
DISCCART	369864.10	4331208.90	225.48	271.08
DISCCART	369864.10	4331308.90	226.04	271.08
DISCCART	369864.10	4331408.90	226.80	226.80
DISCCART	369864.10	4331508.90	226.32	226.32
DISCCART	369864.10	4331608.90	225.92	225.92
DISCCART	369864.10	4331708.90	224.15	224.15
DISCCART	369864.10	4331808.90	223.73	223.73
DISCCART	369864.10	4331908.90	224.90	224.90
DISCCART	369864.10	4332008.90	222.90	226.81
DISCCART	369864.10	4332108.90	223.59	223.59
DISCCART	369864.10	4332208.90	223.68	223.68
DISCCART	369864.10	4332308.90	223.66	223.66
DISCCART	369864.10	4332408.90	224.82	224.82
DISCCART	369864.10	4332508.90	223.54	223.54
DISCCART	369864.10	4332608.90	224.37	224.37
DISCCART	369864.10	4332708.90	224.35	224.35
DISCCART	369864.10	4332808.90	224.93	224.93
DISCCART	369864.10	4332908.90	223.35	223.35
DISCCART	369864.10	4333008.90	224.44	224.44
DISCCART	369864.10	4333108.90	223.66	223.66
DISCCART	369864.10	4333208.90	221.87	223.91
DISCCART	369864.10	4333308.90	223.42	224.68
DISCCART	369864.10	4333408.90	223.53	223.82
DISCCART	369864.10	4333508.90	222.13	224.93
DISCCART	369864.10	4333608.90	221.72	226.58
DISCCART	369864.10	4333708.90	223.20	224.97
DISCCART	369864.10	4333808.90	222.50	223.96
DISCCART	369864.10	4333908.90	221.33	221.33
DISCCART	369864.10	4334008.90	230.48	230.48
DISCCART	369864.10	4334108.90	227.10	229.10
DISCCART	369864.10	4334208.90	224.56	224.56
DISCCART	369864.10	4334308.90	225.13	225.13
DISCCART	369864.10	4334408.90	224.71	226.30
DISCCART	369864.10	4334508.90	222.24	223.37
DISCCART	369864.10	4334608.90	217.50	217.50
DISCCART	369901.00	4325120.70	231.98	231.98

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	369905.80	4334662.80	217.07	217.07
DISCCART	369964.10	4325108.90	234.33	234.33
DISCCART	369964.10	4325208.90	232.55	245.48
DISCCART	369964.10	4325308.90	232.77	245.48
DISCCART	369964.10	4325408.90	234.72	234.72
DISCCART	369964.10	4325508.90	232.22	232.22
DISCCART	369964.10	4325608.90	231.13	238.89
DISCCART	369964.10	4325708.90	230.63	230.63
DISCCART	369964.10	4325808.90	230.16	230.16
DISCCART	369964.10	4325908.90	230.61	230.61
DISCCART	369964.10	4326008.90	230.25	230.25
DISCCART	369964.10	4326108.90	229.79	232.37
DISCCART	369964.10	4326208.90	232.04	232.04
DISCCART	369964.10	4326308.90	231.74	231.74
DISCCART	369964.10	4326408.90	230.91	230.91
DISCCART	369964.10	4326508.90	225.47	231.91
DISCCART	369964.10	4326608.90	218.94	232.23
DISCCART	369964.10	4326708.90	226.56	231.00
DISCCART	369964.10	4326808.90	230.78	230.78
DISCCART	369964.10	4326908.90	232.53	234.03
DISCCART	369964.10	4327008.90	234.26	250.09
DISCCART	369964.10	4327108.90	240.92	240.92
DISCCART	369964.10	4327208.90	240.29	258.81
DISCCART	369964.10	4327308.90	249.79	258.81
DISCCART	369964.10	4327408.90	257.34	257.34
DISCCART	369964.10	4327508.90	258.54	258.54
DISCCART	369964.10	4327608.90	260.86	261.54
DISCCART	369964.10	4327708.90	255.59	261.08
DISCCART	369964.10	4327808.90	249.40	249.40
DISCCART	369964.10	4327908.90	255.13	258.92
DISCCART	369964.10	4328008.90	255.26	255.26
DISCCART	369964.10	4328108.90	259.20	259.64
DISCCART	369964.10	4328208.90	262.39	262.39
DISCCART	369964.10	4328308.90	260.61	264.02
DISCCART	369964.10	4328408.90	261.61	261.61
DISCCART	369964.10	4328508.90	257.25	274.92
DISCCART	369964.10	4328608.90	259.74	271.31
DISCCART	369964.10	4328708.90	257.49	265.45
DISCCART	369964.10	4328808.90	261.33	261.33
DISCCART	369964.10	4328908.90	259.75	262.14
DISCCART	369964.10	4329008.90	262.12	262.12
DISCCART	369964.10	4329108.90	262.70	262.70
DISCCART	369964.10	4329208.90	258.25	258.25
DISCCART	369964.10	4329308.90	251.45	259.33
DISCCART	369964.10	4329408.90	248.21	252.18
DISCCART	369964.10	4329508.90	245.61	248.55
DISCCART	369964.10	4329608.90	240.07	247.54
DISCCART	369964.10	4329708.90	234.49	234.49
DISCCART	369964.10	4329808.90	234.09	234.09
DISCCART	369964.10	4329908.90	230.84	230.84
DISCCART	369964.10	4330008.90	230.74	230.74
DISCCART	369964.10	4330108.90	230.00	230.00
DISCCART	369964.10	4330208.90	228.47	228.47
DISCCART	369964.10	4330308.90	228.84	228.84

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	369964.10	4330408.90	229.03	229.03
DISCCART	369964.10	4330508.90	228.95	228.95
DISCCART	369964.10	4330608.90	229.10	229.10
DISCCART	369964.10	4330708.90	229.80	229.80
DISCCART	369964.10	4330808.90	228.57	228.57
DISCCART	369964.10	4330908.90	226.39	226.39
DISCCART	369964.10	4331008.90	224.34	271.08
DISCCART	369964.10	4331108.90	226.06	266.55
DISCCART	369964.10	4331208.90	225.35	225.35
DISCCART	369964.10	4331308.90	225.14	225.14
DISCCART	369964.10	4331408.90	227.01	227.01
DISCCART	369964.10	4331508.90	226.32	226.32
DISCCART	369964.10	4331608.90	225.41	225.41
DISCCART	369964.10	4331708.90	224.16	224.16
DISCCART	369964.10	4331808.90	225.06	225.06
DISCCART	369964.10	4331908.90	226.62	226.62
DISCCART	369964.10	4332008.90	223.18	223.18
DISCCART	369964.10	4332108.90	224.10	224.10
DISCCART	369964.10	4332208.90	223.96	223.96
DISCCART	369964.10	4332308.90	223.64	223.64
DISCCART	369964.10	4332408.90	223.17	223.17
DISCCART	369964.10	4332508.90	223.40	223.40
DISCCART	369964.10	4332608.90	223.49	223.49
DISCCART	369964.10	4332708.90	223.79	223.79
DISCCART	369964.10	4332808.90	224.66	224.66
DISCCART	369964.10	4332908.90	223.34	223.34
DISCCART	369964.10	4333008.90	224.43	224.43
DISCCART	369964.10	4333108.90	224.02	224.02
DISCCART	369964.10	4333208.90	223.28	223.28
DISCCART	369964.10	4333308.90	223.60	223.60
DISCCART	369964.10	4333408.90	223.63	223.63
DISCCART	369964.10	4333508.90	224.04	224.04
DISCCART	369964.10	4333608.90	223.56	223.56
DISCCART	369964.10	4333708.90	221.33	221.33
DISCCART	369964.10	4333808.90	223.73	223.73
DISCCART	369964.10	4333908.90	221.43	221.43
DISCCART	369964.10	4334008.90	229.32	229.32
DISCCART	369964.10	4334108.90	226.80	228.83
DISCCART	369964.10	4334208.90	224.31	224.31
DISCCART	369964.10	4334308.90	224.91	224.91
DISCCART	369964.10	4334408.90	225.56	225.56
DISCCART	369964.10	4334508.90	221.21	224.08
DISCCART	369964.10	4334608.90	216.95	216.95
DISCCART	369986.20	4325068.30	234.77	244.04
DISCCART	370005.80	4334661.00	216.99	216.99
DISCCART	370064.10	4325108.90	241.60	244.32
DISCCART	370064.10	4325208.90	242.25	245.08
DISCCART	370064.10	4325308.90	237.79	245.51
DISCCART	370064.10	4325408.90	234.81	244.50
DISCCART	370064.10	4325508.90	233.74	247.01
DISCCART	370064.10	4325608.90	232.20	240.77
DISCCART	370064.10	4325708.90	230.29	230.29
DISCCART	370064.10	4325808.90	229.43	229.43
DISCCART	370064.10	4325908.90	230.41	230.41

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370064.10	4326008.90	230.23	230.23
DISCCART	370064.10	4326108.90	233.22	233.22
DISCCART	370064.10	4326208.90	232.16	232.16
DISCCART	370064.10	4326308.90	233.01	233.01
DISCCART	370064.10	4326408.90	232.28	232.28
DISCCART	370064.10	4326508.90	232.05	232.05
DISCCART	370064.10	4326608.90	228.03	228.03
DISCCART	370064.10	4326708.90	227.11	227.11
DISCCART	370064.10	4326808.90	219.21	233.93
DISCCART	370064.10	4326908.90	229.91	229.91
DISCCART	370064.10	4327008.90	232.64	232.64
DISCCART	370064.10	4327108.90	233.04	233.04
DISCCART	370064.10	4327208.90	233.69	259.25
DISCCART	370064.10	4327308.90	239.71	259.25
DISCCART	370064.10	4327408.90	243.30	260.15
DISCCART	370064.10	4327508.90	255.63	257.61
DISCCART	370064.10	4327608.90	258.89	258.89
DISCCART	370064.10	4327708.90	252.03	260.89
DISCCART	370064.10	4327808.90	244.75	261.03
DISCCART	370064.10	4327908.90	248.42	256.29
DISCCART	370064.10	4328008.90	246.69	259.26
DISCCART	370064.10	4328108.90	253.37	259.18
DISCCART	370064.10	4328208.90	255.84	255.84
DISCCART	370064.10	4328308.90	255.15	260.61
DISCCART	370064.10	4328408.90	256.77	256.87
DISCCART	370064.10	4328508.90	255.04	259.00
DISCCART	370064.10	4328608.90	252.34	258.19
DISCCART	370064.10	4328708.90	247.50	268.70
DISCCART	370064.10	4328808.90	250.62	262.22
DISCCART	370064.10	4328908.90	247.94	262.92
DISCCART	370064.10	4329008.90	256.30	262.13
DISCCART	370064.10	4329108.90	258.03	262.15
DISCCART	370064.10	4329208.90	257.23	257.23
DISCCART	370064.10	4329308.90	252.74	252.74
DISCCART	370064.10	4329408.90	245.64	253.80
DISCCART	370064.10	4329508.90	242.07	242.07
DISCCART	370064.10	4329608.90	236.32	236.32
DISCCART	370064.10	4329708.90	231.95	231.95
DISCCART	370064.10	4329808.90	229.03	229.03
DISCCART	370064.10	4329908.90	230.23	230.23
DISCCART	370064.10	4330008.90	230.36	230.36
DISCCART	370064.10	4330108.90	228.70	228.70
DISCCART	370064.10	4330208.90	228.91	228.91
DISCCART	370064.10	4330308.90	228.85	228.85
DISCCART	370064.10	4330408.90	228.91	228.91
DISCCART	370064.10	4330508.90	229.30	229.30
DISCCART	370064.10	4330608.90	229.40	229.40
DISCCART	370064.10	4330708.90	229.20	229.20
DISCCART	370064.10	4330808.90	227.77	227.77
DISCCART	370064.10	4330908.90	226.13	226.13
DISCCART	370064.10	4331008.90	231.65	232.73
DISCCART	370064.10	4331108.90	224.21	232.40
DISCCART	370064.10	4331208.90	225.72	225.72
DISCCART	370064.10	4331308.90	226.20	226.20

Appendix D. Attainment Demonstration Modeling Input Files

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DISCCART 370064.10 4331408.90 226.19 226.19
DISCCART 370064.10 4331508.90 226.24 226.24
DISCCART 370064.10 4331608.90 225.00 225.00
DISCCART 370064.10 4331708.90 224.45 224.45
DISCCART 370064.10 4331808.90 225.30 225.30
DISCCART 370064.10 4331908.90 222.88 226.47
DISCCART 370064.10 4332008.90 223.54 223.54
DISCCART 370064.10 4332108.90 224.45 224.45
DISCCART 370064.10 4332208.90 223.40 223.40
DISCCART 370064.10 4332308.90 223.63 223.63
DISCCART 370064.10 4332408.90 222.31 222.31
DISCCART 370064.10 4332508.90 223.40 223.40
DISCCART 370064.10 4332608.90 223.86 223.86
DISCCART 370064.10 4332708.90 223.31 223.31
DISCCART 370064.10 4332808.90 224.63 224.63
DISCCART 370064.10 4332908.90 223.23 223.23
DISCCART 370064.10 4333008.90 221.13 223.73
DISCCART 370064.10 4333108.90 223.95 223.95
DISCCART 370064.10 4333208.90 223.44 223.44
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KCTOP08-12.SFC
PROFFILE KCTOP08-12.PFL
SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60
UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT
PROFBASE 231.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 4-25
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID5.DAT
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG5.PLT
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG5.PLT
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUN1G5.PLT
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG5.PLT
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G5.PLT
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG5.PLT
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G5.PLT
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G5.PLT
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG5.PLT
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG5.PLT
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG5.PLT
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG5.PLT
```

Appendix D. Attainment Demonstration Modeling Input Files

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**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G5.PLT  
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G5.PLT  
**OU PLOTFILE 1 BV9 4TH 01H4GPTEBV9G5.PLT  
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG5.PLT  
OU FINISHED
```


Sub-grid 6

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**
**
*****
** AERMOD Control Pathway
*****
**PROJECT# 2010-SO2-3-NAA-JACKSON
**
CO STARTING
  TITLEONE Final SO2 Jackson County NAA Attainment Demo Scenario GRID 6 All MO sources at allowables with BPU
  Nearman at allowables and BPU Quindaro at limited rates necessary for compliance
CO TITLETWO 4-7-15 AK
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2343000 KC_METRO_AREA
  POLLUTID SO2
  RUNORNOT RUN
  ERRORFIL JacksonCtyNAA.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
**NAA SOURCES
SO LOCATION VEP1A POINT 363390.05 4330416.81 232.2576
SO LOCATION VEP2 POINT 363376.5 4330434 232.2576
SO LOCATION VEP3 POINT 363422.9 4330428 232.2576
SO LOCATION SBAC05 POINT 370933.001 4326555 237.17
SO LOCATION SBAC06 POINT 370933.001 4326555 237.17
SO LOCATION NAGC3 POINT 370908.001 4328676.001 229.09
SO LOCATION NAGC4 POINT 370908.001 4328676.001 229.09
SO LOCATION FS07 POINT 362009 4329694.001 227.69
SO LOCATION FS10 POINT 362009 4329694.001 227.69
SO LOCATION MPC01 POINT 370189.001 4328446.001 243.09
SO LOCATION MPC02 POINT 370189.001 4328446.001 243.09
SO LOCATION SR14 POINT 361638.001 4329723 227.51
SO LOCATION CL2 POINT 370572.001 4325169 270.29
SO LOCATION USPS1 POINT 366805.001 4327961 255.77
SO LOCATION MKA08 POINT 365640.003 4331705 227.01
SO LOCATION MKA09 POINT 365640.003 4331705 227.01
**SO LOCATION ATT07 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT08 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT09 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT10 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT11 POINT 363530.08 4328686.44 267.77
**SO LOCATION ATT12 POINT 363530.08 4328686.44 267.77
SO LOCATION GM39 POINT 366305.001 4331269.999 227.36
SO LOCATION GM46 POINT 366305.001 4331269.999 227.36
SO LOCATION GM49 POINT 366305.001 4331269.999 227.36
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Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION KCPLN21 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN22 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN23 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN24 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN25 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN26 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN27 POINT 365208.002 4331631.001 228.67
SO LOCATION KCPLN28 POINT 365208.002 4331631.001 228.67
SO LOCATION LOL5 POINT 366274.002 4331111 227.93
SO LOCATION BRTP1 POINT 370783 4331101 225.29
SO LOCATION BRTP3 POINT 370783 4331101 225.29
SO LOCATION BRTP4 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP5 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP6 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP7 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP8 POINT 370691.76 4331114.06 225.29
SO LOCATION BRTP110 VOLUME 370691.76 4331114.06 225.29
SO LOCATION BRTP111 VOLUME 370691.76 4331114.06 225.29
SO LOCATION GPC3 POINT 369159 4329191 241.12
SO LOCATION GPC10 POINT 369159 4329191 241.12
SO LOCATION GPC14 POINT 369159 4329191 241.12
SO LOCATION BMB2 VOLUME 366717.001 4332149 224.51
SO LOCATION BMB3 VOLUME 366717.001 4332149 224.51
SO LOCATION PC1 VOLUME 370630.396 4328656.84 229.28
SO LOCATION MBB29 VOLUME 367018.001 4328589 251.61
SO LOCATION CCTS30 VOLUME 367417 4311212.001 282.72
SO LOCATION BMSI4 VOLUME 368504.002 4333735 224.42
SO LOCATION BMB1 VOLUME 366717.001 4332149 224.51
SO LOCATION CCTS31 VOLUME 367417 4311212.001 282.72
SO LOCATION CCTS32 VOLUME 367417 4311212.001 282.72
SO LOCATION A11 VOLUME 370794.385 4328603.885 229.07
SO LOCATION ALC3 VOLUME 365453.001 4329256.001 274.81
SO LOCATION ALC4 VOLUME 365453.001 4329256.001 274.81
SO LOCATION GPC2 VOLUME 369159 4329191 241.12
SO LOCATION MC1 POINT 371410.721 4329987.846 256.27
SO LOCATION MC2 VOLUME 371410.721 4329987.846 256.27
SO LOCATION GK1 VOLUME 369586.199 4333538.997 224.07
SO LOCATION MAC2 POINT 367291.86 4332906.02 225.33
SO LOCATION MAC7 POINT 367291.86 4332906.02 225.33
SO LOCATION SPRNT4 POINT 363679.611 4330487.22 232.74
SO LOCATION SPRNT13 POINT 363679.611 4330487.22 232.74
SO LOCATION ARCW9 POINT 369996.522 4329869.937 230.08
SO LOCATION ARCH9 POINT 366377.002 4313808 241.64
**BUFFER SOURCES
SO LOCATION BV3 POINT 385311.902 4327808.31 238.22
SO LOCATION BV4 POINT 385313.564 4327821.132 238.25
SO LOCATION BV5 POINT 385329.948 4327832.292 238.16
SO LOCATION BV9 POINT 385299.08 4327842.502 238.32
**SO LOCATION MOCITY5 POINT 387072.9 4343248.6 222.504
**SO LOCATION MOCITY6 POINT 387115.24 4343281.8 222.504
SO LOCATION CMH1 POINT 363603.001 4327363 275.02
**SO LOCATION ATT4 POINT 364783.001 4319264 278.59
SO LOCATION HALL1 POINT 377808.89 4347544.393 276.24
SO LOCATION IATAN06 POINT 329624.66 4368184.19 239.44

Appendix D. Attainment Demonstration Modeling Input Files

SO LOCATION IATAN30 POINT 359633.56 4368173.99 282.23
SO LOCATION CCRC1 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC2 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC3 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC4 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC5 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC6 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC7 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC8 POINT 363241.002 4326700.001 268.27
SO LOCATION CCRC11 POINT 363241.002 4326700.001 268.27
SO LOCATION HALL2 POINT 363270.036 4326918.14 263.41
SO LOCATION RMC1 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC2 POINT 365135.001 4318871.999 281.94
SO LOCATION RMC3 POINT 365135.001 4318871.999 281.94
SO LOCATION GAP1 POINT 371928.002 4336012.647 266.85
SO LOCATION SIB5A POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5B POINT 397714.92 4337276.49 221.89
SO LOCATION SIB5C POINT 397714.92 4337276.49 221.89
SO LOCATION SIMR1 POINT 363812.001 4321950.001 268.06
SO LOCATION APACKS3 VOLUME 380246.996 4332741.075 247.93
SO LOCATION APACKS4 VOLUME 380246.996 4332741.075 247.93
SO LOCATION AUD77 POINT 379109.3 4333859.45 243.58
SO LOCATION UMKC1 POINT 363478.001 4321861 273.07
SO LOCATION UMKC2 POINT 363478.001 4321861 273.07
SO LOCATION UMKC23 POINT 363478.001 4321861 273.07
SO LOCATION UMKC24 POINT 363478.001 4321861 273.07
SO LOCATION HAWTH6 POINT 372276.71 4332321.199 225.8568
SO LOCATION HAWTH701 POINT 371923.1724 4332658.793 224.028
SO LOCATION HAWTH801 POINT 371898.7906 4332659.731 224.028
SO LOCATION HAWTH901 POINT 372377.0487 4332171.157 225.8568
**KS SOURCES
SO LOCATION GM4 POINT 361637.68 4334088.39 226.4664
SO LOCATION AGC1 POINT 341424.89 4291382.69 317.87
SO LOCATION AGC5 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC6 VOLUME 341424.89 4291382.69 317.87
SO LOCATION AGC8 VOLUME 341424.89 4291382.69 317.87
SO LOCATION BPUN1 POINT 353394 4337135 231
SO LOCATION BPUNCT4 POINT 353778 4337052 231
SO LOCATION BPUNNE VOLUME 353308 4337016 232
SO LOCATION BPUNAUX VOLUME 353370 4337090 232
SO LOCATION BPUNBSG VOLUME 353796 4337142 232
SO LOCATION BPUN480 VOLUME 353387 4337195 233
SO LOCATION BPUN481 VOLUME 353359 4337186 232
SO LOCATION BPUQ1 POINT 358576 4334818 236
SO LOCATION BPUQ2 POINT 358581 4334786 236
SO LOCATION BPUQCT1 POINT 358367 4334546 236
SO LOCATION BPUQCT2 POINT 358367 4334550 236
SO LOCATION BPUQCT3 POINT 358367 4334553 236
SO LOCATION BPUQAC VOLUME 358500 4334792 232
SO LOCATION BPUQDC VOLUME 358500 4334794 232
SO LOCATION BPUQAUX VOLUME 358502 4334844 232

BACKGRND ANNUAL 13.0

BACKUNIT PPB

Appendix D. Attainment Demonstration Modeling Input Files

** Source Parameters **

**Buffer Sources

**Blue Valley with NG switch in Rule

SO SRCPARAM BV3 0.0209 46.6344 434.8166667 14.35608 1.6764

SO SRCPARAM BV4 0.0209 46.6344 453.15 15.78864 1.6764

SO SRCPARAM BV5 0.0400 75.5 433.15 29.8267374 2.0574

**SO SRCPARAM BV3 223.846665 46.6344 434.8166667 14.35608 1.6764

**SO SRCPARAM BV4 223.846665 46.6344 453.15 15.78864 1.6764

**SO SRCPARAM BV5 428.64255 75.5 433.15 29.8267374 2.0574

SO SRCPARAM BV9 0.529 34.1376 477.5944 6.88848 0.51816

**MO CITY shutting down

**SO SRCPARAM MOCITY5 534.23 91.44 416.48 7.01 3.2

**SO SRCPARAM MOCITY6 0.05 28.35 480.37 6.10 0.51

**CMH and Hall at ULSD

**SO SRCPARAM CMH1 12.51593245 23.1648 449.8166667 3.556 1.2192

**SO SRCPARAM ATT4 8.464989988 6.096 746.4833333 58.18124 0.356616

**SO SRCPARAM HALL1 12.16493298 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM CMH1 0.018778 23.1648 449.8166667 3.556 1.2192

SO SRCPARAM HALL1 0.054 3.048 463.7055556 7.86892 0.9144

SO SRCPARAM IATAN06 835.3654 184.400952 331.4833333 16.69288 8.659368

SO SRCPARAM IATAN30 867.4949 184.400952 328.7055556 14.93012 9.23544

**CCRC1-11, Hall2, RMC1-3, GAP1 at ULSD below

**SO SRCPARAM CCRC1 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC2 2.648 30.48 438.7055556 3.5 0.914

**SO SRCPARAM CCRC3 6.48 30.48 438.7055556 8.76 0.914

**SO SRCPARAM CCRC4 0.149 8.53 363.705 22.35 0.152

**SO SRCPARAM CCRC5 0.149 4.57 363.705 22.37 0.2

**SO SRCPARAM CCRC6 0.136 14.02 363.705 22.37 0.152

**SO SRCPARAM CCRC7 0.032 5.48 363.705 22.37 0.1

**SO SRCPARAM CCRC8 0.1935 3.65 363.705 11.61 0.152

**SO SRCPARAM CCRC11 0.2239 7.62 363.705 22.37 0.152

SO SRCPARAM CCRC1 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC2 0.007836 30.48 438.7055556 3.5 0.914

SO SRCPARAM CCRC3 0.01917 30.48 438.7055556 8.76 0.914

SO SRCPARAM CCRC4 0.000791 8.53 363.705 22.35 0.152

SO SRCPARAM CCRC5 0.000791 4.57 363.705 22.37 0.2

SO SRCPARAM CCRC6 0.000722 14.02 363.705 22.37 0.152

SO SRCPARAM CCRC7 0.00017 5.48 363.705 22.37 0.1

SO SRCPARAM CCRC8 0.001027 3.65 363.705 11.61 0.152

SO SRCPARAM CCRC11 0.001188 7.62 363.705 22.37 0.152

**SO SRCPARAM HALL2 2.932115293 36.576 477.5944444 7.112 0.97536

SO SRCPARAM HALL2 0.008676 36.576 477.5944444 7.112 0.97536

**SO SRCPARAM RMC1 0.2177 42.68 460.9277 0.4296 1.914

**SO SRCPARAM RMC2 4.293016704 9.144 294.2611111 4.1699 0.710184

**SO SRCPARAM RMC3 8.586033408 24.9936 566.4833333 0.098 2.709672

SO SRCPARAM RMC1 0.000327 42.68 460.9277 0.4296 1.914

SO SRCPARAM RMC2 0.00644 9.144 294.2611111 4.1699 0.710184

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM RMC3 0.01288 24.9936 566.4833333 0.098 2.709672

**SO SRCPARAM GAP1 0.287475 12.192 449.8166667 0.012192 0.6096
SO SRCPARAM GAP1 0.0201 12.192 449.8166667 0.012192 0.6096

**SIBLEY 5A, 5B, 5C BELOW AT Critical Value used to get 30 day limit in 10 CSR 10-6.261
**SO SRCPARAM SIB5A 691.896 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5B 711.9855 212.14 427.761111 30.1212515 4.1148
**SO SRCPARAM SIB5C 4646.8035 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5A 254.35 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5B 250.66 212.14 427.761111 30.1212515 4.1148
SO SRCPARAM SIB5C 1759.42 212.14 427.761111 30.1212515 4.1148

**SIMR1, APACKS4, UMKC1,2,23,24 at ULSD below
**SO SRCPARAM SIMR1 7.119352921 26.8224 424.8166667 0.001 1.43256
SO SRCPARAM SIMR1 0.01056 26.8224 424.8166667 0.001 1.43256

**SO SRCPARAM APACKS4 3.217948577 5 1.1628 4.651
SO SRCPARAM APACKS3 0.5544 5 1.1628 4.651
SO SRCPARAM APACKS4 0.004828 5 1.1628 4.651

SO SRCPARAM AUD77 60.138 127.4064 432.15 15.1330152 2.7432

**SO SRCPARAM UMKC1 2.14 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC1 0.003214 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC2 2.00 28.04 422.0388889 10.5156 0.509
SO SRCPARAM UMKC2 0.0030 28.04 422.0388889 10.5156 0.509
**SO SRCPARAM UMKC23 20.92392156 23.7744 422.0388889 16.002 1.524
SO SRCPARAM UMKC23 0.0313 23.7744 422.0388889 16.002 1.524
**SO SRCPARAM UMKC24 2.14 17.07 449.8166 9.97 0.2792
SO SRCPARAM UMKC24 0.003214 17.07 449.8166 9.97 0.2792

**Hawthorn 6 at Critical Value used to get 30 day limit in 10 CSR 10-6.261
SO SRCPARAM HAWTH6 192.76 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH6 1360.99111 169.17 368.15 24.3545 6.2002
**SO SRCPARAM HAWTH701 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH801 83.3033 17.0688 690.5574 41.799 4.49746
**SO SRCPARAM HAWTH901 70.14612 62.1792 457.5944 18.5985 6.0944
**Hawth CTs at ULSD below
SO SRCPARAM HAWTH701 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH801 0.1641 17.0688 690.5574 41.799 4.49746
SO SRCPARAM HAWTH901 0.4942 62.1792 457.5944 18.5985 6.0944

**NAA SOURCES
**Veolia at Limits contained in rule 10 CSR 10-6.261
SO SRCPARAM VEP1A 0.06299894 47.55 588.71 14.6 2.13
**Veolia with 95 percent reduction
SO SRCPARAM VEP2 44.32668437 85.95 395.93 1.81 5.11
SO SRCPARAM VEP3 0.06299894 85.95 412.04 1.53 5.11

SO SRCPARAM SBAC05 0.000161971 3.048 366.4833333 0.001 0.3048
SO SRCPARAM SBAC06 0.00004021 10.36 380.522 18.34 1.219
SO SRCPARAM NAGC3 0.00036279 4.8768 449.8166667 3.556 0.405384
SO SRCPARAM NAGC4 0.000302325 15.24 449.8166667 3.556 0.405384

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM FS07 0.001269766 32.004 363.7055556 1.651 1.12776
SO SRCPARAM FS10 0.000370348 33.528 363.7055556 10.922 0.240792
SO SRCPARAM MPC01 0.00048372 8.8392 316.4833333 0.001 0.762
SO SRCPARAM MPC02 0.00024186 7.0104 316.4833333 0.001 0.762
SO SRCPARAM SR14 0.030232512 9.144 533.15 121.92 0.3048
SO SRCPARAM CL2 0 3.048 755.3722222 406.4 0.0381
SO SRCPARAM USPS1 0.001451161 28.6512 424.8166667 2.72796 0.710184
SO SRCPARAM MKA08 0.000619766 1.524 449.8166667 3.556 0.6096
SO SRCPARAM MKA09 0.001080812 1.524 449.8166667 3.556 0.6096
**SO SRCPARAM ATT07 0 3.048 755.3722222 0.001 0.762
**SO SRCPARAM ATT08 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT09 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT10 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT11 0 118.872 588.7055556 10.6172 0.762
**SO SRCPARAM ATT12 0 118.872 588.7055556 10.6172 0.762
SO SRCPARAM GM39 0.001315719 35.052 382.0388889 15.494 0.5334
SO SRCPARAM GM46 0.000614022 10.668 422.0388889 6.858 0.51816
SO SRCPARAM GM49 0.000614022 10.668 422.0388889 6.858 0.51816

**SO SRCPARAM KCPLN21 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN22 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN23 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN24 4.5348768 11.5824 788.7055556 12.5222 7.1628
**SO SRCPARAM KCPLN25 4.5348768 11.5824 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN26 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN27 4.5348768 9.7536 788.7055556 33.34512 4.38912
**SO SRCPARAM KCPLN28 4.5348768 9.7536 788.7055556 33.34512 4.38912
**KCPL NE Substation Turbines at 100ppm S below
SO SRCPARAM KCPLN21 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN22 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN23 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN24 1.527 11.5824 788.7055556 12.5222 7.1628
SO SRCPARAM KCPLN25 1.527 11.5824 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN26 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN27 1.527 9.7536 788.7055556 33.34512 4.38912
SO SRCPARAM KCPLN28 1.527 9.7536 788.7055556 33.34512 4.38912

SO SRCPARAM LOL5 0.000770929 6.096 463.7055556 10.16 0.353568
SO SRCPARAM BRTP1 0.025 60.97 322.038 2.174 3.048
SO SRCPARAM BRTP3 0.000005 1.52 449.816 3.556 0.609
SO SRCPARAM BRTP4 0.00072 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP5 0.000718 10.668 449.8166667 3.556 0.51816
SO SRCPARAM BRTP6 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP7 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP8 0.179736 18.8976 449.8166667 3.556 0.2538984
SO SRCPARAM BRTP110 0.006078 5 1.1628 4.651
SO SRCPARAM BRTP111 0.005457 5 1.1628 4.651
SO SRCPARAM GPC3 0.000408139 24.384 463.7055556 3.6068 0.9144
SO SRCPARAM GPC10 0.000166279 4.572 298.15 44.704 0.481584
SO SRCPARAM GPC14 0.000226744 7.62 474.2611111 7.9756 0.6096
SO SRCPARAM BMB2 0.000143604 5 1.1628 4.651
SO SRCPARAM BMB3 0.007558128 5 1.1628 4.651
SO SRCPARAM PC1 0.000438371 5 1.1628 4.651
SO SRCPARAM MBB29 0.000738504 5 1.1628 4.651

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCPARAM CCTS30 0.001806393 5 1.1628 4.651
SO SRCPARAM BMSI4 7.55813E-06 5 1.1628 4.651
SO SRCPARAM BMB1 0.017005788 5 1.1628 4.651
SO SRCPARAM MC1 0.007129087 14.93 559.8166667 11.15568 1.777439024
SO SRCPARAM MC2 0.000718201 5 1.1628 4.651
SO SRCPARAM GK1 0.000596485 5 1.1628 4.651

**SO SRCPARAM MAC2 0.071941032 7.62 322.0388889 0.001 0.25304878
**SO SRCPARAM MAC7 0.071941032 9.75 322.0388889 0.001 0.25304878
**MAC and Sprint at ULSD rates below
SO SRCPARAM MAC2 0.00010 7.62 322.0388889 0.001 0.25304878
SO SRCPARAM MAC7 0.00010 9.75 322.0388889 0.001 0.25304878

**SO SRCPARAM SPRNT4 0.035993196 6.09 677.5944444 0.001 0.396341463
**SO SRCPARAM SPRNT13 0.037558118 6.09 678.15 44.49064 0.405487805
SO SRCPARAM SPRNT4 0.0036 6.09 677.5944444 0.001 0.396341463
SO SRCPARAM SPRNT13 0.00376 6.09 678.15 44.49064 0.405487805

SO SRCPARAM ARCW9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM ARCH9 0 2.53 795.3722222 0.001 0.304878049
SO SRCPARAM CCTS31 0.00165523 5 1.1628 4.651
SO SRCPARAM CCTS32 0.000906975 5 1.1628 4.651
SO SRCPARAM A11 0 5 1.1628 4.651
SO SRCPARAM ALC3 0.000143982 5 1.1628 4.651
SO SRCPARAM ALC4 0.000287965 5 1.1628 4.651
SO SRCPARAM GPC2 7.55813E-05 5 1.1628 4.651

**KS SOURCES
SO SRCPARAM GM4 52.76788 45.72 449.8167 13.99032 3.048
SO SRCPARAM AGC1 6.8723458 45.72 633.7055556 13.1064 2.4384
SO SRCPARAM AGC5 0.000938151 5 1.1628 4.651
SO SRCPARAM AGC6 0.13750875 5 1.1628 4.651
SO SRCPARAM AGC8 0.001666326 5 1.1628 4.651

**NEARMAN at alt MATS Rate (0.2lb/mmbtu) on Unit 1 and ULSD on CT4
**SO SRCPARAM BPUN1 61.31 121.92 424.8166667 13.4112 6.096

**NEARMAN BPUN1 at PTE rate
SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**BPUNCT4 at ULSD - will be made enforceable by KDHE
SO SRCPARAM BPUNCT4 0.182 17.0688 810.9277778 39.0144 4.51104
**SO SRCPARAM BPUN1 367.8782966 121.92 424.8166667 13.4112 6.096
**SO SRCPARAM BPUNCT4 3.971450656 17.0688 810.9277778 39.0144 4.51104
SO SRCPARAM BPUNNE 0.000057 5 1.1628 4.651
SO SRCPARAM BPUNAU 0.004481 5 1.1628 4.651
SO SRCPARAM BPUNBSG 0.017704 5 1.1628 4.651
SO SRCPARAM BPUN480 0.000 5 1.1628 4.651
SO SRCPARAM BPUN481 0.000 5 1.1628 4.651

**Quindaro at NG switch on Units 1&2 and ULSD on CTs 1,2,3
**SO SRCPARAM BPUQ1 450.7949288 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 694.8274679 106.68 436.4833333 25.2984 3.3528
**SO SRCPARAM BPUQ1 0.058 106.68 438.7055556 11.8872 2.538984
**SO SRCPARAM BPUQ2 0.1033 106.68 436.4833333 25.2984 3.3528

Appendix D. Attainment Demonstration Modeling Input Files

**2010 Actuals below from KS to determine actual impact

**SO SRCPARAM BPUQ1 55.98 106.68 438.7055556 11.8872 2.538984

**SO SRCPARAM BPUQ2 71.16 106.68 436.4833333 25.2984 3.3528

**Test 75% margin above actual emissions - This level of limit or stricter will be made enforceable by KDHE

SO SRCPARAM BPUQ1 97.965 106.68 438.7055556 11.8872 2.538984

SO SRCPARAM BPUQ2 124.53 106.68 436.4833333 25.2984 3.3528

**CT's at ULSD - Will be made enforceable by KDHE

SO SRCPARAM BPUQCT1 0.0494 12.74765 499.8167 16.82496 4.069385

SO SRCPARAM BPUQCT2 0.1256 9.7536 499.8167 16.82496 4.255008

SO SRCPARAM BPUQCT3 0.1256 9.7536 499.8167 16.82496 4.06908

SO SRCPARAM BPUQAC 0.043659 5 1.1628 4.651

SO SRCPARAM BPUQDC 0.001336 5 1.1628 4.651

SO SRCPARAM BPUQAUX 0.082183 5 1.1628 4.651

** Building Downwash **

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP1A 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDWID VEP1A 88.81 86.41 81.39 73.90 64.16 52.48

SO BUILDWID VEP1A 39.20 33.28 47.30 59.88 70.65 79.26

SO BUILDWID VEP1A 85.47 89.08 89.99 88.16 85.51 88.50

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO BUILDLN VEP1A 59.88 70.65 79.26 85.47 89.08 89.99

SO BUILDLN VEP1A 88.16 85.51 88.50 88.81 86.41 81.39

SO BUILDLN VEP1A 73.90 64.16 52.48 39.20 33.28 47.30

SO XBADJ VEP1A -7.72 -9.49 -10.97 -12.12 -12.90 -13.29

SO XBADJ VEP1A -13.28 -14.59 -18.85 -22.54 -25.54 -27.77

SO XBADJ VEP1A -29.15 -29.65 -29.25 -27.96 -29.75 -41.59

SO XBADJ VEP1A -52.17 -61.16 -68.29 -73.35 -76.18 -76.70

SO XBADJ VEP1A -74.88 -70.92 -69.65 -66.27 -60.87 -53.62

SO XBADJ VEP1A -44.75 -34.51 -23.23 -11.24 -3.53 -5.71

SO YBADJ VEP1A -21.86 -17.66 -12.93 -7.80 -2.43 3.01

SO YBADJ VEP1A 8.36 13.11 17.94 22.23 25.84 28.66

SO YBADJ VEP1A 30.62 31.64 31.70 30.80 28.16 25.40

SO YBADJ VEP1A 21.86 17.66 12.93 7.80 2.43 -3.01

SO YBADJ VEP1A -8.36 -13.11 -17.94 -22.23 -25.84 -28.66

SO YBADJ VEP1A -30.62 -31.64 -31.70 -30.80 -28.16 -25.40

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

SO BUILDHGT VEP2 32.31 32.31 32.31 32.31 32.31 32.31

Appendix D. Attainment Demonstration Modeling Input Files

SO BUILDHGT VEP2	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP2	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP2	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP2	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLN VEP2	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP2	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP2	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP2	-22.29	-21.01	-19.08	-16.58	-13.57	-10.15
SO XBADJ VEP2	-6.42	-4.23	-5.30	-6.21	-6.93	-7.44
SO XBADJ VEP2	-7.72	-7.77	-7.59	-7.17	-10.47	-24.40
SO XBADJ VEP2	-37.59	-49.64	-60.18	-68.89	-75.51	-79.84
SO XBADJ VEP2	-81.74	-81.28	-83.20	-82.60	-79.48	-73.95
SO XBADJ VEP2	-66.18	-56.39	-44.89	-32.03	-22.81	-22.90
SO YBADJ VEP2	-38.19	-36.28	-33.26	-29.23	-24.31	-18.65
SO YBADJ VEP2	-12.43	-6.17	0.75	7.65	14.32	20.55
SO YBADJ VEP2	26.16	30.97	34.84	37.66	38.52	38.95
SO YBADJ VEP2	38.19	36.28	33.26	29.23	24.31	18.65
SO YBADJ VEP2	12.43	6.17	-0.75	-7.65	-14.32	-20.55
SO YBADJ VEP2	-26.16	-30.97	-34.84	-37.66	-38.52	-38.95

SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDHGT VEP3	32.31	32.31	32.31	32.31	32.31	32.31
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDWID VEP3	88.81	86.41	81.39	73.90	64.16	52.48
SO BUILDWID VEP3	39.20	33.28	47.30	59.88	70.65	79.26
SO BUILDWID VEP3	85.47	89.08	89.99	88.16	85.51	88.50
SO BUILDLN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO BUILDLN VEP3	59.88	70.65	79.26	85.47	89.08	89.99
SO BUILDLN VEP3	88.16	85.51	88.50	88.81	86.41	81.39
SO BUILDLN VEP3	73.90	64.16	52.48	39.20	33.28	47.30
SO XBADJ VEP3	-24.44	-31.24	-37.09	-41.81	-45.26	-47.33
SO XBADJ VEP3	-47.97	-48.88	-51.70	-52.95	-52.58	-50.62
SO XBADJ VEP3	-47.13	-42.19	-35.98	-28.68	-24.43	-30.40
SO XBADJ VEP3	-35.44	-39.41	-42.18	-43.66	-43.82	-42.65
SO XBADJ VEP3	-40.19	-36.62	-36.80	-35.86	-33.83	-30.77
SO XBADJ VEP3	-26.78	-21.97	-16.49	-10.52	-8.85	-16.90
SO YBADJ VEP3	8.54	9.38	9.93	10.17	10.11	9.74
SO YBADJ VEP3	9.08	7.79	6.75	5.50	4.09	2.55
SO YBADJ VEP3	0.93	-0.72	-2.34	-3.89	-6.13	-7.45
SO YBADJ VEP3	-8.54	-9.38	-9.93	-10.17	-10.11	-9.74

Appendix D. Attainment Demonstration Modeling Input Files

SO YBADJ VEP3 -9.08 -7.79 -6.75 -5.50 -4.09 -2.55
SO YBADJ VEP3 -0.93 0.72 2.34 3.89 6.13 7.45

SO URBANSRC ALL

SO SRCGROUP VEOLIA VEP1A VEP2 VEP3
SO SRCGROUP BV BV3 BV4 BV5 BV9
SO SRCGROUP IATAN IATAN06 IATAN30
SO SRCGROUP HALL HALL1 HALL2
SO SRCGROUP RMC RMC1-RMC3
SO SRCGROUP HAWTH6 HAWTH6
SO SRCGROUP HAWTHCTS HAWTH701 HAWTH801 HAWTH901
SO SRCGROUP SIB5A SIB5A
SO SRCGROUP SIB5B SIB5B
SO SRCGROUP SIB5C SIB5C
**SO SRCGROUP MOCITY MOCITY5 MOCITY6
SO SRCGROUP NAGC NAGC3 NAGC4
**SO SRCGROUP ATTB ATT4
SO SRCGROUP CMH CMH1
SO SRCGROUP CCRC CCRC1-CCRC8 CCRC11
SO SRCGROUP GAP GAP1
SO SRCGROUP SIMR SIMR1
SO SRCGROUP APAC APACKS3 APACKS4
SO SRCGROUP AUD AUD77
SO SRCGROUP UMKC UMKC1 UMKC2 UMKC23 UMKC24
SO SRCGROUP FS FS07 FS10
SO SRCGROUP MPC MPC01 MPC02
SO SRCGROUP MKA MKA08 MKA09
**SO SRCGROUP ATT ATT07 ATT08 ATT09 ATT10 ATT11 ATT12
SO SRCGROUP GM GM39 GM46 GM49
SO SRCGROUP KCPLN KCPLN21 KCPLN22 KCPLN23 KCPLN24 KCPLN25 KCPLN26 KCPLN27 KCPLN28
SO SRCGROUP LOL LOL5
SO SRCGROUP PC PC1
SO SRCGROUP MBB MBB29
SO SRCGROUP BMSI BMSI4
SO SRCGROUP SBAC SBAC05 SBAC06
SO SRCGROUP SR SR14
SO SRCGROUP CL CL2
SO SRCGROUP USPS USPS1
SO SRCGROUP A1 A11
SO SRCGROUP BRTP BRTP1 BRTP3 BRTP4 BRTP5 BRTP6 BRTP7 BRTP8 BRTP110 BRTP111
SO SRCGROUP GPC GPC3 GPC10 GPC14 GPC2
SO SRCGROUP BMB BMB2 BMB3 BMB1
SO SRCGROUP CCTS CCTS30 CCTS31 CCTS32
SO SRCGROUP ALC ALC3 ALC4
SO SRCGROUP AGC AGC1 AGC5 AGC6 AGC8
SO SRCGROUP BPUN BPUN1 BPUNCT4 BPUNNE BPUNAUX BPUNBSG BPUN480 BPUN481
SO SRCGROUP BPUQ BPUQ1 BPUQ2 BPUQCT1 BPUQCT2 BPUQCT3 BPUQAC BPUQDC BPUQAUX
SO SRCGROUP GMKS GM4
SO SRCGROUP MC MC1 MC2
SO SRCGROUP MAC MAC2 MAC7
SO SRCGROUP SPRNT SPRNT4 SPRNT13
SO SRCGROUP ARC ARCW9 ARCH9
SO SRCGROUP GK GK1

Appendix D. Attainment Demonstration Modeling Input Files

SO SRCGROUP ALL BACKGROUND

SO FINISHED

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** AERMOD Receptor Pathway

**

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RE STARTING

RE ELEVUNIT METERS

DISCCART	370064.10	4333308.90	224.18	224.18
DISCCART	370064.10	4333408.90	223.57	223.57
DISCCART	370064.10	4333508.90	223.46	223.46
DISCCART	370064.10	4333608.90	223.43	223.43
DISCCART	370064.10	4333708.90	223.30	223.30
DISCCART	370064.10	4333808.90	223.81	223.81
DISCCART	370064.10	4333908.90	223.28	223.28
DISCCART	370064.10	4334008.90	223.35	223.35
DISCCART	370064.10	4334108.90	227.94	228.92
DISCCART	370064.10	4334208.90	223.94	223.94
DISCCART	370064.10	4334308.90	223.97	223.97
DISCCART	370064.10	4334408.90	224.96	224.96
DISCCART	370064.10	4334508.90	222.28	225.07
DISCCART	370064.10	4334608.90	216.81	216.81
DISCCART	370071.30	4325015.80	237.26	253.29
DISCCART	370105.80	4334659.20	216.89	216.89
DISCCART	370133.10	4334658.70	216.62	216.62
DISCCART	370156.50	4324963.40	250.05	253.10
DISCCART	370164.10	4325008.90	246.06	253.20
DISCCART	370164.10	4325108.90	244.76	244.76
DISCCART	370164.10	4325208.90	245.59	245.59
DISCCART	370164.10	4325308.90	244.83	244.83
DISCCART	370164.10	4325408.90	243.80	243.80
DISCCART	370164.10	4325508.90	239.33	248.74
DISCCART	370164.10	4325608.90	232.12	248.43
DISCCART	370164.10	4325708.90	230.02	230.02
DISCCART	370164.10	4325808.90	230.54	230.54
DISCCART	370164.10	4325908.90	230.41	230.41
DISCCART	370164.10	4326008.90	230.27	230.27
DISCCART	370164.10	4326108.90	232.84	232.84
DISCCART	370164.10	4326208.90	233.90	233.90
DISCCART	370164.10	4326308.90	234.21	234.21
DISCCART	370164.10	4326408.90	233.27	233.27
DISCCART	370164.10	4326508.90	231.63	231.63
DISCCART	370164.10	4326608.90	225.36	231.30
DISCCART	370164.10	4326708.90	227.79	227.79
DISCCART	370164.10	4326808.90	226.77	226.77
DISCCART	370164.10	4326908.90	227.39	229.54
DISCCART	370164.10	4327008.90	230.83	230.83
DISCCART	370164.10	4327108.90	232.02	232.02
DISCCART	370164.10	4327208.90	222.73	259.81
DISCCART	370164.10	4327308.90	219.77	262.55
DISCCART	370164.10	4327408.90	229.79	262.55

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370164.10	4327508.90	239.65	261.85
DISCCART	370164.10	4327608.90	250.05	258.57
DISCCART	370164.10	4327708.90	249.66	253.26
DISCCART	370164.10	4327808.90	241.38	255.71
DISCCART	370164.10	4327908.90	240.98	241.72
DISCCART	370164.10	4328008.90	243.95	243.95
DISCCART	370164.10	4328108.90	248.57	248.75
DISCCART	370164.10	4328208.90	252.41	252.41
DISCCART	370164.10	4328308.90	248.38	250.94
DISCCART	370164.10	4328408.90	246.11	260.47
DISCCART	370164.10	4328508.90	243.03	260.55
DISCCART	370164.10	4328608.90	241.00	266.83
DISCCART	370164.10	4328708.90	238.36	268.43
DISCCART	370164.10	4328808.90	235.09	265.68
DISCCART	370164.10	4328908.90	235.06	263.71
DISCCART	370164.10	4329008.90	234.27	263.59
DISCCART	370164.10	4329108.90	233.30	263.59
DISCCART	370164.10	4329208.90	233.60	263.59
DISCCART	370164.10	4329308.90	233.28	263.59
DISCCART	370164.10	4329408.90	231.91	260.95
DISCCART	370164.10	4329508.90	230.90	253.80
DISCCART	370164.10	4329608.90	229.96	229.96
DISCCART	370164.10	4329708.90	230.17	230.17
DISCCART	370164.10	4329808.90	229.20	229.20
DISCCART	370164.10	4329908.90	229.63	229.63
DISCCART	370164.10	4330008.90	229.54	229.54
DISCCART	370164.10	4330108.90	229.63	229.63
DISCCART	370164.10	4330208.90	229.57	229.57
DISCCART	370164.10	4330308.90	229.08	229.08
DISCCART	370164.10	4330408.90	228.92	228.92
DISCCART	370164.10	4330508.90	228.55	228.55
DISCCART	370164.10	4330608.90	228.40	228.40
DISCCART	370164.10	4330708.90	227.37	227.37
DISCCART	370164.10	4330808.90	226.43	226.43
DISCCART	370164.10	4330908.90	224.28	234.81
DISCCART	370164.10	4331008.90	223.16	234.34
DISCCART	370164.10	4331108.90	224.91	224.91
DISCCART	370164.10	4331208.90	225.95	225.95
DISCCART	370164.10	4331308.90	226.16	226.16
DISCCART	370164.10	4331408.90	225.75	225.75
DISCCART	370164.10	4331508.90	224.92	224.92
DISCCART	370164.10	4331608.90	224.89	224.89
DISCCART	370164.10	4331708.90	224.54	224.54
DISCCART	370164.10	4331808.90	226.52	226.52
DISCCART	370164.10	4331908.90	223.15	223.15
DISCCART	370164.10	4332008.90	223.50	223.50
DISCCART	370164.10	4332108.90	224.11	224.11
DISCCART	370164.10	4332208.90	224.18	224.18
DISCCART	370164.10	4332308.90	223.86	223.86
DISCCART	370164.10	4332408.90	223.63	223.63
DISCCART	370164.10	4332508.90	223.62	223.62
DISCCART	370164.10	4332608.90	223.79	223.79
DISCCART	370164.10	4332708.90	223.36	223.36
DISCCART	370164.10	4332808.90	223.87	223.87

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370164.10	4332908.90	224.04	224.04
DISCCART	370164.10	4333008.90	221.13	221.13
DISCCART	370164.10	4333108.90	224.30	224.30
DISCCART	370164.10	4333208.90	223.96	223.96
DISCCART	370164.10	4333308.90	223.85	223.85
DISCCART	370164.10	4333408.90	224.18	224.18
DISCCART	370164.10	4333508.90	223.47	223.47
DISCCART	370164.10	4333608.90	223.51	223.51
DISCCART	370164.10	4333708.90	223.73	223.73
DISCCART	370164.10	4333808.90	224.24	224.24
DISCCART	370164.10	4333908.90	223.58	223.58
DISCCART	370164.10	4334008.90	223.07	223.07
DISCCART	370164.10	4334108.90	228.54	228.54
DISCCART	370164.10	4334208.90	223.99	223.99
DISCCART	370164.10	4334308.90	224.48	224.48
DISCCART	370164.10	4334408.90	225.83	226.04
DISCCART	370164.10	4334508.90	219.24	226.39
DISCCART	370164.10	4334608.90	216.66	216.66
DISCCART	370205.40	4334652.00	216.60	216.60
DISCCART	370241.60	4324910.90	253.18	253.18
DISCCART	370264.10	4324908.90	253.32	253.32
DISCCART	370264.10	4325008.90	248.31	248.31
DISCCART	370264.10	4325108.90	248.99	248.99
DISCCART	370264.10	4325208.90	249.40	262.78
DISCCART	370264.10	4325308.90	250.82	261.88
DISCCART	370264.10	4325408.90	249.33	261.11
DISCCART	370264.10	4325508.90	238.87	261.83
DISCCART	370264.10	4325608.90	234.84	261.26
DISCCART	370264.10	4325708.90	231.84	260.22
DISCCART	370264.10	4325808.90	229.75	229.75
DISCCART	370264.10	4325908.90	229.99	229.99
DISCCART	370264.10	4326008.90	230.10	233.78
DISCCART	370264.10	4326108.90	232.52	232.52
DISCCART	370264.10	4326208.90	234.62	234.62
DISCCART	370264.10	4326308.90	234.49	234.49
DISCCART	370264.10	4326408.90	233.77	233.77
DISCCART	370264.10	4326508.90	227.15	232.38
DISCCART	370264.10	4326608.90	228.27	230.29
DISCCART	370264.10	4326708.90	227.68	227.68
DISCCART	370264.10	4326808.90	227.06	227.06
DISCCART	370264.10	4326908.90	221.68	230.39
DISCCART	370264.10	4327008.90	230.42	230.42
DISCCART	370264.10	4327108.90	229.83	229.83
DISCCART	370264.10	4327208.90	225.01	228.83
DISCCART	370264.10	4327308.90	227.31	258.80
DISCCART	370264.10	4327408.90	222.00	262.55
DISCCART	370264.10	4327508.90	230.27	261.85
DISCCART	370264.10	4327608.90	234.91	261.36
DISCCART	370264.10	4327708.90	236.14	260.25
DISCCART	370264.10	4327808.90	236.66	252.09
DISCCART	370264.10	4327908.90	238.40	238.40
DISCCART	370264.10	4328008.90	245.74	245.74
DISCCART	370264.10	4328108.90	245.23	251.10
DISCCART	370264.10	4328208.90	244.18	251.42

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370264.10	4328308.90	244.32	244.32
DISCCART	370264.10	4328408.90	238.71	238.71
DISCCART	370264.10	4328508.90	236.45	258.39
DISCCART	370264.10	4328608.90	234.53	236.24
DISCCART	370264.10	4328708.90	232.67	257.95
DISCCART	370264.10	4328808.90	231.91	261.05
DISCCART	370264.10	4328908.90	231.23	263.38
DISCCART	370264.10	4329008.90	230.50	263.59
DISCCART	370264.10	4329108.90	229.94	263.59
DISCCART	370264.10	4329208.90	230.10	263.59
DISCCART	370264.10	4329308.90	229.72	262.52
DISCCART	370264.10	4329408.90	229.69	256.44
DISCCART	370264.10	4329508.90	229.62	229.62
DISCCART	370264.10	4329608.90	229.85	229.85
DISCCART	370264.10	4329708.90	229.91	229.91
DISCCART	370264.10	4329808.90	229.43	229.43
DISCCART	370264.10	4329908.90	229.31	229.31
DISCCART	370264.10	4330008.90	229.22	229.22
DISCCART	370264.10	4330108.90	228.53	229.40
DISCCART	370264.10	4330208.90	226.18	229.40
DISCCART	370264.10	4330308.90	228.91	229.20
DISCCART	370264.10	4330408.90	228.66	228.66
DISCCART	370264.10	4330508.90	228.21	228.21
DISCCART	370264.10	4330608.90	227.61	227.61
DISCCART	370264.10	4330708.90	227.87	227.87
DISCCART	370264.10	4330808.90	224.58	235.05
DISCCART	370264.10	4330908.90	228.62	234.96
DISCCART	370264.10	4331008.90	223.64	234.34
DISCCART	370264.10	4331108.90	224.38	224.38
DISCCART	370264.10	4331208.90	225.90	225.90
DISCCART	370264.10	4331308.90	226.34	226.34
DISCCART	370264.10	4331408.90	226.66	226.66
DISCCART	370264.10	4331508.90	224.09	225.81
DISCCART	370264.10	4331608.90	224.77	224.77
DISCCART	370264.10	4331708.90	226.21	226.21
DISCCART	370264.10	4331808.90	223.06	223.06
DISCCART	370264.10	4331908.90	223.45	223.45
DISCCART	370264.10	4332008.90	222.91	222.91
DISCCART	370264.10	4332108.90	224.05	224.05
DISCCART	370264.10	4332208.90	223.49	223.49
DISCCART	370264.10	4332308.90	224.02	224.02
DISCCART	370264.10	4332408.90	223.37	223.37
DISCCART	370264.10	4332508.90	223.26	223.26
DISCCART	370264.10	4332608.90	223.26	223.26
DISCCART	370264.10	4332708.90	223.82	223.82
DISCCART	370264.10	4332808.90	222.19	224.21
DISCCART	370264.10	4332908.90	224.66	224.66
DISCCART	370264.10	4333008.90	223.83	223.83
DISCCART	370264.10	4333108.90	221.16	223.90
DISCCART	370264.10	4333208.90	224.15	224.15
DISCCART	370264.10	4333308.90	223.56	223.56
DISCCART	370264.10	4333408.90	224.37	224.37
DISCCART	370264.10	4333508.90	224.00	224.00
DISCCART	370264.10	4333608.90	223.59	223.59

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370264.10	4333708.90	223.75	223.75
DISCCART	370264.10	4333808.90	223.65	223.65
DISCCART	370264.10	4333908.90	223.96	223.96
DISCCART	370264.10	4334008.90	223.44	223.44
DISCCART	370264.10	4334108.90	226.86	228.84
DISCCART	370264.10	4334208.90	224.41	224.41
DISCCART	370264.10	4334308.90	224.77	224.77
DISCCART	370264.10	4334408.90	225.36	225.36
DISCCART	370264.10	4334508.90	220.37	224.80
DISCCART	370264.10	4334608.90	216.88	216.88
DISCCART	370305.00	4334642.80	216.99	216.99
DISCCART	370326.80	4324858.50	253.51	253.51
DISCCART	370364.10	4324908.90	253.15	253.15
DISCCART	370364.10	4325008.90	253.73	259.79
DISCCART	370364.10	4325108.90	255.17	255.17
DISCCART	370364.10	4325208.90	259.95	260.84
DISCCART	370364.10	4325308.90	261.77	261.77
DISCCART	370364.10	4325408.90	259.74	259.74
DISCCART	370364.10	4325508.90	245.13	263.47
DISCCART	370364.10	4325608.90	242.51	261.58
DISCCART	370364.10	4325708.90	234.82	261.87
DISCCART	370364.10	4325808.90	231.75	260.74
DISCCART	370364.10	4325908.90	229.22	258.79
DISCCART	370364.10	4326008.90	230.72	233.76
DISCCART	370364.10	4326108.90	230.29	231.62
DISCCART	370364.10	4326208.90	233.76	233.76
DISCCART	370364.10	4326308.90	233.82	233.82
DISCCART	370364.10	4326408.90	231.59	231.59
DISCCART	370364.10	4326508.90	225.10	229.54
DISCCART	370364.10	4326608.90	229.97	229.97
DISCCART	370364.10	4326708.90	229.94	229.94
DISCCART	370364.10	4326808.90	227.81	227.81
DISCCART	370364.10	4326908.90	220.68	229.92
DISCCART	370364.10	4327008.90	229.45	229.45
DISCCART	370364.10	4327108.90	221.95	231.78
DISCCART	370364.10	4327208.90	228.93	228.93
DISCCART	370364.10	4327308.90	227.84	227.84
DISCCART	370364.10	4327408.90	227.29	256.74
DISCCART	370364.10	4327508.90	222.16	261.85
DISCCART	370364.10	4327608.90	229.68	259.09
DISCCART	370364.10	4327708.90	232.35	232.35
DISCCART	370364.10	4327808.90	233.68	234.37
DISCCART	370364.10	4327908.90	234.60	235.14
DISCCART	370364.10	4328008.90	235.60	247.94
DISCCART	370364.10	4328108.90	236.33	236.33
DISCCART	370364.10	4328208.90	238.12	238.12
DISCCART	370364.10	4328308.90	233.83	244.79
DISCCART	370364.10	4328408.90	233.80	233.80
DISCCART	370364.10	4328508.90	232.94	232.94
DISCCART	370364.10	4328608.90	232.23	232.23
DISCCART	370364.10	4328708.90	231.62	231.62
DISCCART	370364.10	4328808.90	230.26	230.26
DISCCART	370364.10	4328908.90	230.01	230.01
DISCCART	370364.10	4329008.90	229.59	229.59

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	370364.10	4329108.90	229.46	229.46
DISCCART	370364.10	4329208.90	228.99	228.99
DISCCART	370364.10	4329308.90	228.77	228.77
DISCCART	370364.10	4329408.90	228.71	228.71
DISCCART	370364.10	4329508.90	228.98	228.98
DISCCART	370364.10	4329608.90	228.93	228.93
DISCCART	370364.10	4329708.90	228.00	228.00
DISCCART	370364.10	4329808.90	228.13	228.13
DISCCART	370364.10	4329908.90	229.46	229.46
DISCCART	370364.10	4330008.90	227.64	227.64
DISCCART	370364.10	4330108.90	225.58	229.43
DISCCART	370364.10	4330208.90	227.19	228.88
DISCCART	370364.10	4330308.90	224.48	228.14
DISCCART	370364.10	4330408.90	217.35	229.95
DISCCART	370364.10	4330508.90	222.55	229.97
DISCCART	370364.10	4330608.90	227.39	227.39
DISCCART	370364.10	4330708.90	225.35	228.95
DISCCART	370364.10	4330808.90	226.20	235.05
DISCCART	370364.10	4330908.90	225.78	235.05
DISCCART	370364.10	4331008.90	225.29	225.29
DISCCART	370364.10	4331108.90	225.71	225.71
DISCCART	370364.10	4331208.90	225.85	225.85
DISCCART	370364.10	4331308.90	226.80	226.80
DISCCART	370364.10	4331408.90	223.39	226.69
DISCCART	370364.10	4331508.90	225.06	225.06
DISCCART	370364.10	4331608.90	224.58	224.58
DISCCART	370364.10	4331708.90	225.46	226.56
DISCCART	370364.10	4331808.90	222.99	222.99
DISCCART	370364.10	4331908.90	223.32	223.32
DISCCART	370364.10	4332008.90	222.78	222.78
DISCCART	370364.10	4332108.90	222.91	232.75
DISCCART	370364.10	4332208.90	223.50	231.72
DISCCART	370364.10	4332308.90	223.06	229.64
DISCCART	370364.10	4332408.90	222.92	227.99
DISCCART	370364.10	4332508.90	223.33	223.33
DISCCART	370364.10	4332608.90	223.14	223.14
DISCCART	370364.10	4332708.90	222.95	222.95
DISCCART	370364.10	4332808.90	223.41	223.41
DISCCART	370364.10	4332908.90	223.97	223.97
DISCCART	370364.10	4333008.90	224.01	224.94
DISCCART	370364.10	4333108.90	223.57	223.57
DISCCART	370364.10	4333208.90	223.79	223.79
DISCCART	370364.10	4333308.90	223.40	223.40
DISCCART	370364.10	4333408.90	223.71	223.71
DISCCART	370364.10	4333508.90	223.99	223.99
DISCCART	370364.10	4333608.90	223.63	223.63
DISCCART	370364.10	4333708.90	224.06	224.06
DISCCART	370364.10	4333808.90	223.88	223.88
DISCCART	370364.10	4333908.90	223.83	223.83
DISCCART	370364.10	4334008.90	223.63	226.57
DISCCART	370364.10	4334108.90	225.21	225.21
DISCCART	370364.10	4334208.90	223.98	223.98
DISCCART	370364.10	4334308.90	224.77	224.77
DISCCART	370364.10	4334408.90	224.43	224.43

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DISCCART	370364.10	4334508.90	220.89	223.72
DISCCART	370364.10	4334608.90	216.95	216.95
DISCCART	370404.60	4334633.70	216.91	216.91
DISCCART	370411.90	4324806.00	254.25	254.25
DISCCART	370439.50	4332445.70	226.83	226.83
DISCCART	370440.40	4332465.00	226.58	226.58
DISCCART	370445.10	4332564.90	225.18	225.18
DISCCART	370446.80	4332365.40	227.92	227.92
DISCCART	370449.90	4332664.80	224.20	224.20
DISCCART	370454.60	4332764.70	224.35	224.35
DISCCART	370455.30	4332779.10	224.37	224.37
DISCCART	370455.80	4332265.80	225.24	231.09
DISCCART	370459.20	4332864.60	224.69	224.69
DISCCART	370463.30	4332183.80	230.89	230.89
DISCCART	370463.80	4332964.50	224.88	224.88
DISCCART	370464.10	4324808.90	254.71	262.19
DISCCART	370464.10	4324908.90	260.33	262.75
DISCCART	370464.10	4325008.90	262.04	265.22
DISCCART	370464.10	4325108.90	260.40	265.46
DISCCART	370464.10	4325208.90	265.23	268.76
DISCCART	370464.10	4325308.90	264.39	266.25
DISCCART	370464.10	4325408.90	260.79	260.79
DISCCART	370464.10	4325508.90	260.06	260.06
DISCCART	370464.10	4325608.90	251.30	261.23
DISCCART	370464.10	4325708.90	237.70	275.63
DISCCART	370464.10	4325808.90	233.74	261.10
DISCCART	370464.10	4325908.90	232.39	259.65
DISCCART	370464.10	4326008.90	229.45	230.31
DISCCART	370464.10	4326108.90	228.05	230.03
DISCCART	370464.10	4326208.90	230.08	233.08
DISCCART	370464.10	4326308.90	231.73	231.73
DISCCART	370464.10	4326408.90	226.21	233.08
DISCCART	370464.10	4326508.90	228.43	228.43
DISCCART	370464.10	4326608.90	229.26	229.26
DISCCART	370464.10	4326708.90	228.93	228.93
DISCCART	370464.10	4326808.90	231.16	231.16
DISCCART	370464.10	4326908.90	229.75	230.97
DISCCART	370464.10	4327008.90	221.94	233.68
DISCCART	370464.10	4327108.90	226.95	227.44
DISCCART	370464.10	4327208.90	229.29	229.29
DISCCART	370464.10	4327308.90	228.65	228.65
DISCCART	370464.10	4327408.90	227.25	227.25
DISCCART	370464.10	4327508.90	218.98	259.30
DISCCART	370464.10	4327608.90	229.11	229.11
DISCCART	370464.10	4327708.90	230.31	230.31
DISCCART	370464.10	4327808.90	231.76	231.76
DISCCART	370464.10	4327908.90	232.18	232.18
DISCCART	370464.10	4328008.90	232.99	232.99
DISCCART	370464.10	4328108.90	233.68	233.68
DISCCART	370464.10	4328208.90	233.49	233.49
DISCCART	370464.10	4328308.90	232.71	232.71
DISCCART	370464.10	4328408.90	232.18	232.18
DISCCART	370464.10	4328508.90	231.28	231.28
DISCCART	370464.10	4328608.90	230.85	230.85

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DISCCART	370464.10	4328708.90	229.59	229.59
DISCCART	370464.10	4328808.90	228.81	228.81
DISCCART	370464.10	4328908.90	228.67	228.67
DISCCART	370464.10	4329008.90	228.12	228.12
DISCCART	370464.10	4329108.90	219.99	229.30
DISCCART	370464.10	4329208.90	218.86	229.28
DISCCART	370464.10	4329308.90	225.73	228.96
DISCCART	370464.10	4329408.90	230.07	230.07
DISCCART	370464.10	4329508.90	229.36	229.36
DISCCART	370464.10	4329608.90	229.08	229.08
DISCCART	370464.10	4329708.90	227.94	227.94
DISCCART	370464.10	4329808.90	227.76	227.76
DISCCART	370464.10	4329908.90	228.62	228.62
DISCCART	370464.10	4330008.90	219.42	228.77
DISCCART	370464.10	4330108.90	228.43	228.43
DISCCART	370464.10	4330208.90	227.95	227.95
DISCCART	370464.10	4330308.90	227.97	227.97
DISCCART	370464.10	4330408.90	227.62	227.62
DISCCART	370464.10	4330508.90	224.97	228.12
DISCCART	370464.10	4330608.90	222.53	227.16
DISCCART	370464.10	4330708.90	224.14	228.64
DISCCART	370464.10	4330808.90	226.12	226.12
DISCCART	370464.10	4330908.90	225.25	228.57
DISCCART	370464.10	4331008.90	226.47	227.09
DISCCART	370464.10	4331108.90	226.29	226.29
DISCCART	370464.10	4331208.90	225.89	225.89
DISCCART	370464.10	4331308.90	226.50	226.50
DISCCART	370464.10	4331408.90	224.42	224.42
DISCCART	370464.10	4331508.90	225.81	225.81
DISCCART	370464.10	4331608.90	225.54	226.80
DISCCART	370464.10	4331708.90	223.56	227.18
DISCCART	370464.10	4331808.90	223.22	236.43
DISCCART	370464.10	4331908.90	222.78	236.43
DISCCART	370464.10	4332008.90	228.18	234.82
DISCCART	370464.10	4332108.90	232.14	232.14
DISCCART	370464.10	4333008.90	224.87	224.87
DISCCART	370464.10	4333108.90	225.29	225.29
DISCCART	370464.10	4333208.90	225.54	225.54
DISCCART	370464.10	4333308.90	225.89	225.89
DISCCART	370464.10	4333408.90	226.44	226.44
DISCCART	370464.10	4333508.90	227.15	227.91
DISCCART	370464.10	4333608.90	227.30	229.63
DISCCART	370464.10	4333708.90	226.17	231.57
DISCCART	370464.10	4333808.90	224.62	233.65
DISCCART	370464.10	4333908.90	223.97	234.40
DISCCART	370464.10	4334008.90	223.81	234.40
DISCCART	370464.10	4334108.90	223.47	223.47
DISCCART	370464.10	4334208.90	223.86	223.86
DISCCART	370464.10	4334308.90	223.83	223.83
DISCCART	370464.10	4334408.90	224.09	224.09
DISCCART	370464.10	4334508.90	220.14	224.39
DISCCART	370464.10	4334608.90	216.86	216.86
DISCCART	370468.20	4332166.80	231.01	231.01
DISCCART	370468.30	4333064.40	225.10	225.10

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DISCCART	370471.20	4333128.40	225.32	225.32
DISCCART	370473.00	4333164.30	225.42	225.42
DISCCART	370478.20	4333264.10	225.65	225.65
DISCCART	370483.30	4333364.00	226.09	226.09
DISCCART	370488.50	4333463.90	227.11	227.11
DISCCART	370493.60	4333563.70	228.61	228.61
DISCCART	370496.10	4332070.80	232.54	232.54
DISCCART	370497.00	4324753.60	254.59	262.10
DISCCART	370498.80	4333663.60	230.18	230.18
DISCCART	370503.90	4333763.50	231.76	231.76
DISCCART	370504.20	4334624.50	216.95	216.95
DISCCART	370509.00	4333863.30	233.30	233.30
DISCCART	370514.20	4333963.20	224.96	234.40
DISCCART	370519.30	4334063.10	223.97	228.60
DISCCART	370524.00	4331974.80	234.22	234.22
DISCCART	370524.50	4334162.90	223.53	223.53
DISCCART	370526.80	4334207.90	223.51	223.51
DISCCART	370529.30	4334262.80	223.92	223.92
DISCCART	370533.90	4334362.70	224.47	224.47
DISCCART	370534.70	4331937.70	234.70	234.70
DISCCART	370538.50	4334462.60	224.05	224.05
DISCCART	370543.10	4334562.50	217.13	217.13
DISCCART	370545.80	4334620.60	216.72	216.72
DISCCART	370564.10	4324808.90	254.67	262.10
DISCCART	370564.10	4324908.90	262.63	262.63
DISCCART	370564.10	4325008.90	265.97	265.97
DISCCART	370564.10	4325108.90	268.58	268.58
DISCCART	370564.10	4325208.90	270.68	270.68
DISCCART	370564.10	4325308.90	267.06	269.50
DISCCART	370564.10	4325408.90	263.31	275.63
DISCCART	370564.10	4325508.90	261.88	275.63
DISCCART	370564.10	4325608.90	260.61	260.61
DISCCART	370564.10	4325708.90	254.91	259.65
DISCCART	370564.10	4325808.90	239.59	260.74
DISCCART	370564.10	4325908.90	234.67	259.65
DISCCART	370564.10	4326008.90	232.77	250.65
DISCCART	370564.10	4326108.90	230.95	230.95
DISCCART	370564.10	4326208.90	228.33	230.48
DISCCART	370564.10	4326308.90	226.15	230.36
DISCCART	370564.10	4326408.90	229.83	229.83
DISCCART	370564.10	4326508.90	229.77	229.77
DISCCART	370564.10	4326608.90	229.91	229.91
DISCCART	370564.10	4326708.90	229.65	229.65
DISCCART	370564.10	4326808.90	229.63	229.63
DISCCART	370564.10	4326908.90	229.45	229.45
DISCCART	370564.10	4327008.90	232.90	233.55
DISCCART	370564.10	4327108.90	228.88	228.88
DISCCART	370564.10	4327208.90	228.54	229.65
DISCCART	370564.10	4327308.90	228.52	228.52
DISCCART	370564.10	4327408.90	228.33	228.33
DISCCART	370564.10	4327508.90	218.72	229.54
DISCCART	370564.10	4327608.90	229.15	229.15
DISCCART	370564.10	4327708.90	229.79	229.79
DISCCART	370564.10	4327808.90	230.39	230.39

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DISCCART	370564.10	4327908.90	230.78	230.78
DISCCART	370564.10	4328008.90	231.39	231.39
DISCCART	370564.10	4328108.90	232.67	232.67
DISCCART	370564.10	4328208.90	232.27	232.27
DISCCART	370564.10	4328308.90	232.93	232.93
DISCCART	370564.10	4328408.90	231.50	231.50
DISCCART	370564.10	4328508.90	231.68	231.68
DISCCART	370564.10	4328608.90	230.16	230.16
DISCCART	370564.10	4328708.90	229.36	229.36
DISCCART	370564.10	4328808.90	228.86	228.86
DISCCART	370564.10	4328908.90	229.28	229.28
DISCCART	370564.10	4329008.90	226.29	229.61
DISCCART	370564.10	4329108.90	227.98	227.98
DISCCART	370564.10	4329208.90	227.88	227.88
DISCCART	370564.10	4329308.90	228.18	228.18
DISCCART	370564.10	4329408.90	219.09	230.74
DISCCART	370564.10	4329508.90	228.22	228.22
DISCCART	370564.10	4329608.90	228.31	228.31
DISCCART	370564.10	4329708.90	227.82	227.82
DISCCART	370564.10	4329808.90	227.79	227.79
DISCCART	370564.10	4329908.90	227.82	227.82
DISCCART	370564.10	4330008.90	225.29	228.60
DISCCART	370564.10	4330108.90	228.40	228.40
DISCCART	370564.10	4330208.90	228.62	228.62
DISCCART	370564.10	4330308.90	227.99	227.99
DISCCART	370564.10	4330408.90	228.21	228.21
DISCCART	370564.10	4330508.90	228.23	228.23
DISCCART	370564.10	4330608.90	220.29	228.60
DISCCART	370564.10	4330708.90	224.21	227.82
DISCCART	370564.10	4330808.90	227.20	228.17
DISCCART	370564.10	4330908.90	225.63	225.63
DISCCART	370564.10	4331008.90	226.42	226.42
DISCCART	370564.10	4331108.90	226.05	226.05
DISCCART	370564.10	4331208.90	225.34	225.68
DISCCART	370564.10	4331308.90	224.23	226.33
DISCCART	370564.10	4331408.90	222.99	226.92
DISCCART	370564.10	4331508.90	225.62	227.24
DISCCART	370564.10	4331608.90	225.03	227.24
DISCCART	370564.10	4331708.90	222.36	237.22
DISCCART	370564.10	4331808.90	223.04	236.72
DISCCART	370569.00	4331886.80	235.77	235.77
DISCCART	370582.20	4324701.20	254.65	254.65
DISCCART	370624.90	4331803.80	225.64	237.22
DISCCART	370626.40	4324674.00	254.65	266.97
DISCCART	370664.10	4324708.90	259.48	266.46
DISCCART	370664.10	4324808.90	258.82	264.80
DISCCART	370664.10	4324908.90	261.90	261.90
DISCCART	370664.10	4325008.90	265.97	268.26
DISCCART	370664.10	4325108.90	270.51	270.51
DISCCART	370664.10	4325208.90	274.63	274.63
DISCCART	370664.10	4325308.90	274.13	274.13
DISCCART	370664.10	4325408.90	272.75	274.94
DISCCART	370664.10	4325508.90	267.27	275.63
DISCCART	370664.10	4325608.90	238.33	278.64

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DISCCART	370664.10	4325708.90	237.25	278.64
DISCCART	370664.10	4325808.90	250.97	250.97
DISCCART	370664.10	4325908.90	248.70	248.70
DISCCART	370664.10	4326008.90	235.51	250.67
DISCCART	370664.10	4326108.90	233.92	233.92
DISCCART	370664.10	4326208.90	232.14	232.14
DISCCART	370664.10	4326308.90	230.95	230.95
DISCCART	370664.10	4326408.90	229.63	229.63
DISCCART	370664.10	4326508.90	229.20	229.20
DISCCART	370664.10	4326608.90	229.21	229.21
DISCCART	370664.10	4326708.90	229.20	229.20
DISCCART	370664.10	4326808.90	229.18	229.18
DISCCART	370664.10	4326908.90	230.23	230.23
DISCCART	370664.10	4327008.90	235.60	235.60
DISCCART	370664.10	4327108.90	228.16	228.16
DISCCART	370664.10	4327208.90	228.05	228.05
DISCCART	370664.10	4327308.90	228.45	228.45
DISCCART	370664.10	4327408.90	229.08	229.08
DISCCART	370664.10	4327508.90	222.89	229.54
DISCCART	370664.10	4327608.90	229.51	229.51
DISCCART	370664.10	4327708.90	229.11	229.11
DISCCART	370664.10	4327808.90	229.38	229.38
DISCCART	370664.10	4327908.90	229.35	229.35
DISCCART	370664.10	4328008.90	229.42	230.24
DISCCART	370664.10	4328108.90	229.64	229.64
DISCCART	370664.10	4328208.90	230.53	230.53
DISCCART	370664.10	4328308.90	233.12	233.12
DISCCART	370664.10	4328408.90	232.47	232.47
DISCCART	370664.10	4328508.90	231.03	231.03
DISCCART	370664.10	4328608.90	229.47	229.47
DISCCART	370664.10	4328708.90	229.92	229.92
DISCCART	370664.10	4328808.90	229.81	229.81
DISCCART	370664.10	4328908.90	229.98	229.98
DISCCART	370664.10	4329008.90	229.54	230.16
DISCCART	370664.10	4329108.90	222.89	228.19
DISCCART	370664.10	4329208.90	228.48	228.48
DISCCART	370664.10	4329308.90	228.10	228.10
DISCCART	370664.10	4329408.90	229.75	229.75
DISCCART	370664.10	4329508.90	221.80	236.43
DISCCART	370664.10	4329608.90	227.47	228.15
DISCCART	370664.10	4329708.90	227.68	227.68
DISCCART	370664.10	4329808.90	226.86	226.86
DISCCART	370664.10	4329908.90	225.60	225.60
DISCCART	370664.10	4330008.90	228.72	228.72
DISCCART	370664.10	4330108.90	228.81	228.81
DISCCART	370664.10	4330208.90	228.58	228.58
DISCCART	370664.10	4330308.90	228.11	228.11
DISCCART	370664.10	4330408.90	227.96	227.96
DISCCART	370664.10	4330508.90	227.92	227.92
DISCCART	370664.10	4330608.90	227.32	227.32
DISCCART	370664.10	4330708.90	217.04	232.83
DISCCART	370664.10	4330808.90	225.56	227.76
DISCCART	370664.10	4330908.90	228.95	228.95
DISCCART	370664.10	4331008.90	228.05	228.05

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DISCCART	370664.10	4331108.90	226.09	226.09
DISCCART	370664.10	4331208.90	226.22	226.22
DISCCART	370664.10	4331308.90	224.23	228.55
DISCCART	370664.10	4331408.90	223.84	228.55
DISCCART	370664.10	4331508.90	223.80	235.75
DISCCART	370664.10	4331608.90	222.97	237.22
DISCCART	370664.10	4331708.90	236.76	236.76
DISCCART	370667.40	4324648.80	254.51	267.90
DISCCART	370680.70	4331720.80	236.52	236.52
DISCCART	370736.50	4331637.90	235.86	235.86
DISCCART	370752.70	4324596.60	253.80	268.06
DISCCART	370764.10	4324608.90	253.79	268.06
DISCCART	370764.10	4324708.90	267.40	267.40
DISCCART	370764.10	4324808.90	264.46	264.46
DISCCART	370764.10	4324908.90	263.67	264.42
DISCCART	370764.10	4325008.90	264.41	267.32
DISCCART	370764.10	4325108.90	269.24	269.24
DISCCART	370764.10	4325208.90	274.99	274.99
DISCCART	370764.10	4325308.90	275.25	278.64
DISCCART	370764.10	4325408.90	274.26	277.59
DISCCART	370764.10	4325508.90	265.50	277.59
DISCCART	370764.10	4325608.90	247.93	278.64
DISCCART	370764.10	4325708.90	253.10	253.10
DISCCART	370764.10	4325808.90	245.03	254.57
DISCCART	370764.10	4325908.90	236.53	254.57
DISCCART	370764.10	4326008.90	235.02	253.11
DISCCART	370764.10	4326108.90	236.71	252.81
DISCCART	370764.10	4326208.90	239.02	239.02
DISCCART	370764.10	4326308.90	235.56	251.27
DISCCART	370764.10	4326408.90	231.38	254.08
DISCCART	370764.10	4326508.90	229.73	254.08
DISCCART	370764.10	4326608.90	229.23	254.08
DISCCART	370764.10	4326708.90	229.05	229.05
DISCCART	370764.10	4326808.90	228.06	228.06
DISCCART	370764.10	4326908.90	228.33	228.33
DISCCART	370764.10	4327008.90	228.72	237.26
DISCCART	370764.10	4327108.90	229.09	229.09
DISCCART	370764.10	4327208.90	229.14	229.14
DISCCART	370764.10	4327308.90	228.91	228.91
DISCCART	370764.10	4327408.90	228.72	228.72
DISCCART	370764.10	4327508.90	228.59	228.59
DISCCART	370764.10	4327608.90	226.54	228.67
DISCCART	370764.10	4327708.90	229.31	229.31
DISCCART	370764.10	4327808.90	229.51	229.51
DISCCART	370764.10	4327908.90	229.33	229.33
DISCCART	370764.10	4328008.90	228.99	228.99
DISCCART	370764.10	4328108.90	229.23	229.23
DISCCART	370764.10	4328208.90	228.90	228.90
DISCCART	370764.10	4328308.90	230.78	230.78
DISCCART	370764.10	4328408.90	230.35	230.35
DISCCART	370764.10	4328508.90	229.67	229.67
DISCCART	370764.10	4328608.90	228.83	228.83
DISCCART	370764.10	4328708.90	229.90	229.90
DISCCART	370764.10	4328808.90	230.24	230.24

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DISCCART	370764.10	4328908.90	229.56	229.56
DISCCART	370764.10	4329008.90	228.53	228.53
DISCCART	370764.10	4329108.90	223.16	229.37
DISCCART	370764.10	4329208.90	227.94	227.94
DISCCART	370764.10	4329308.90	229.35	229.35
DISCCART	370764.10	4329408.90	228.07	236.43
DISCCART	370764.10	4329508.90	227.54	236.43
DISCCART	370764.10	4329608.90	227.41	227.41
DISCCART	370764.10	4329708.90	222.07	227.81
DISCCART	370764.10	4329808.90	220.25	228.35
DISCCART	370764.10	4329908.90	228.15	228.15
DISCCART	370764.10	4330008.90	228.40	228.40
DISCCART	370764.10	4330108.90	229.51	229.51
DISCCART	370764.10	4330208.90	228.17	228.17
DISCCART	370764.10	4330308.90	227.80	227.80
DISCCART	370764.10	4330408.90	227.91	227.91
DISCCART	370764.10	4330508.90	227.72	227.72
DISCCART	370764.10	4330608.90	227.07	227.07
DISCCART	370764.10	4330708.90	226.07	232.83
DISCCART	370764.10	4330808.90	217.86	232.83
DISCCART	370764.10	4330908.90	226.71	227.74
DISCCART	370764.10	4331008.90	224.96	224.96
DISCCART	370764.10	4331108.90	224.83	224.83
DISCCART	370764.10	4331208.90	226.07	226.07
DISCCART	370764.10	4331308.90	225.32	225.32
DISCCART	370764.10	4331408.90	228.34	229.99
DISCCART	370764.10	4331508.90	222.89	236.03
DISCCART	370792.40	4331554.90	235.11	235.11
DISCCART	370812.50	4331525.00	234.80	234.80
DISCCART	370837.90	4324544.40	253.07	266.68
DISCCART	370853.70	4331476.10	234.40	234.40
DISCCART	370864.10	4324608.90	255.01	280.15
DISCCART	370864.10	4324708.90	267.09	267.09
DISCCART	370864.10	4324808.90	268.37	280.08
DISCCART	370864.10	4324908.90	268.86	280.08
DISCCART	370864.10	4325008.90	267.15	267.15
DISCCART	370864.10	4325108.90	266.05	273.90
DISCCART	370864.10	4325208.90	273.42	273.42
DISCCART	370864.10	4325308.90	274.71	274.71
DISCCART	370864.10	4325408.90	263.18	277.59
DISCCART	370864.10	4325508.90	248.44	278.64
DISCCART	370864.10	4325608.90	247.34	278.35
DISCCART	370864.10	4325708.90	243.88	277.46
DISCCART	370864.10	4325808.90	239.51	255.80
DISCCART	370864.10	4325908.90	239.84	252.15
DISCCART	370864.10	4326008.90	249.67	251.60
DISCCART	370864.10	4326108.90	241.90	255.07
DISCCART	370864.10	4326208.90	239.80	255.08
DISCCART	370864.10	4326308.90	238.84	254.08
DISCCART	370864.10	4326408.90	238.66	254.08
DISCCART	370864.10	4326508.90	233.62	254.08
DISCCART	370864.10	4326608.90	231.70	254.08
DISCCART	370864.10	4326708.90	230.51	236.52
DISCCART	370864.10	4326808.90	229.87	236.45

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DISCCART	370864.10	4326908.90	229.83	229.83
DISCCART	370864.10	4327008.90	229.75	237.83
DISCCART	370864.10	4327108.90	229.22	229.22
DISCCART	370864.10	4327208.90	229.02	229.02
DISCCART	370864.10	4327308.90	228.54	228.54
DISCCART	370864.10	4327408.90	228.33	228.33
DISCCART	370864.10	4327508.90	228.52	228.52
DISCCART	370864.10	4327608.90	220.32	230.09
DISCCART	370864.10	4327708.90	224.44	229.66
DISCCART	370864.10	4327808.90	229.09	229.09
DISCCART	370864.10	4327908.90	224.21	229.50
DISCCART	370864.10	4328008.90	218.39	229.46
DISCCART	370864.10	4328108.90	218.61	229.51
DISCCART	370864.10	4328208.90	218.88	231.16
DISCCART	370864.10	4328308.90	223.56	231.05
DISCCART	370864.10	4328408.90	230.23	230.23
DISCCART	370864.10	4328508.90	230.29	230.29
DISCCART	370864.10	4328608.90	229.13	229.13
DISCCART	370864.10	4328708.90	228.93	228.93
DISCCART	370864.10	4328808.90	229.69	229.69
DISCCART	370864.10	4328908.90	229.48	229.48
DISCCART	370864.10	4329008.90	228.64	228.64
DISCCART	370864.10	4329108.90	228.34	228.34
DISCCART	370864.10	4329208.90	220.23	230.09
DISCCART	370864.10	4329308.90	228.13	228.13
DISCCART	370864.10	4329408.90	228.48	228.48
DISCCART	370864.10	4329508.90	228.91	235.13
DISCCART	370864.10	4329608.90	229.32	229.32
DISCCART	370864.10	4329708.90	228.48	228.48
DISCCART	370864.10	4329808.90	228.60	228.60
DISCCART	370864.10	4329908.90	228.09	228.09
DISCCART	370864.10	4330008.90	228.17	228.17
DISCCART	370864.10	4330108.90	229.17	229.17
DISCCART	370864.10	4330208.90	227.84	227.84
DISCCART	370864.10	4330308.90	227.93	227.93
DISCCART	370864.10	4330408.90	227.94	227.94
DISCCART	370864.10	4330508.90	227.54	227.54
DISCCART	370864.10	4330608.90	227.18	227.18
DISCCART	370864.10	4330708.90	228.30	232.07
DISCCART	370864.10	4330808.90	224.45	224.45
DISCCART	370864.10	4330908.90	222.80	227.73
DISCCART	370864.10	4331008.90	224.62	228.25
DISCCART	370864.10	4331108.90	226.86	226.86
DISCCART	370864.10	4331208.90	222.58	222.58
DISCCART	370864.10	4331308.90	224.36	233.63
DISCCART	370864.10	4331408.90	228.17	234.38
DISCCART	370918.10	4331399.60	233.64	233.64
DISCCART	370923.20	4324492.10	252.22	252.22
DISCCART	370964.10	4324508.90	252.15	274.82
DISCCART	370964.10	4324608.90	258.00	280.37
DISCCART	370964.10	4324708.90	266.09	280.37
DISCCART	370964.10	4324808.90	279.63	279.63
DISCCART	370964.10	4324908.90	274.85	278.56
DISCCART	370964.10	4325008.90	268.37	276.87

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DISCCART	370964.10	4325108.90	269.31	274.11
DISCCART	370964.10	4325208.90	272.88	272.88
DISCCART	370964.10	4325308.90	255.96	278.64
DISCCART	370964.10	4325408.90	259.50	275.09
DISCCART	370964.10	4325508.90	251.71	277.59
DISCCART	370964.10	4325608.90	254.48	255.62
DISCCART	370964.10	4325708.90	251.27	257.05
DISCCART	370964.10	4325808.90	241.86	257.05
DISCCART	370964.10	4325908.90	251.70	251.70
DISCCART	370964.10	4326008.90	250.84	250.84
DISCCART	370964.10	4326108.90	252.95	252.95
DISCCART	370964.10	4326208.90	249.81	255.08
DISCCART	370964.10	4326308.90	244.87	250.53
DISCCART	370964.10	4326408.90	238.33	254.08
DISCCART	370964.10	4326508.90	236.91	254.08
DISCCART	370964.10	4326608.90	236.61	236.61
DISCCART	370964.10	4326708.90	236.44	236.44
DISCCART	370964.10	4326808.90	229.12	240.31
DISCCART	370964.10	4326908.90	230.60	261.16
DISCCART	370964.10	4327008.90	232.94	260.97
DISCCART	370964.10	4327108.90	229.92	263.29
DISCCART	370964.10	4327208.90	229.15	274.29
DISCCART	370964.10	4327308.90	229.00	229.00
DISCCART	370964.10	4327408.90	228.72	228.72
DISCCART	370964.10	4327508.90	226.59	228.11
DISCCART	370964.10	4327608.90	228.32	228.32
DISCCART	370964.10	4327708.90	227.39	227.39
DISCCART	370964.10	4327808.90	223.83	229.68
DISCCART	370964.10	4327908.90	227.70	227.70
DISCCART	370964.10	4328008.90	227.07	227.77
DISCCART	370964.10	4328108.90	228.44	228.44
DISCCART	370964.10	4328208.90	227.67	227.67
DISCCART	370964.10	4328308.90	226.87	226.87
DISCCART	370964.10	4328408.90	219.96	230.49
DISCCART	370964.10	4328508.90	228.72	228.72
DISCCART	370964.10	4328608.90	228.93	228.93
DISCCART	370964.10	4328708.90	229.17	229.17
DISCCART	370964.10	4328808.90	229.71	229.71
DISCCART	370964.10	4328908.90	229.68	229.68
DISCCART	370964.10	4329008.90	229.61	229.61
DISCCART	370964.10	4329108.90	229.13	229.13
DISCCART	370964.10	4329208.90	221.62	252.99
DISCCART	370964.10	4329308.90	228.69	228.69
DISCCART	370964.10	4329408.90	228.49	228.49
DISCCART	370964.10	4329508.90	231.04	233.08
DISCCART	370964.10	4329608.90	229.20	229.20
DISCCART	370964.10	4329708.90	229.18	229.18
DISCCART	370964.10	4329808.90	228.92	228.92
DISCCART	370964.10	4329908.90	227.98	232.07
DISCCART	370964.10	4330008.90	228.14	228.14
DISCCART	370964.10	4330108.90	228.86	228.86
DISCCART	370964.10	4330208.90	229.04	229.04
DISCCART	370964.10	4330308.90	227.27	227.27
DISCCART	370964.10	4330408.90	227.53	227.53

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DISCCART	370964.10	4330508.90	226.76	226.76
DISCCART	370964.10	4330608.90	227.43	230.46
DISCCART	370964.10	4330708.90	227.58	230.63
DISCCART	370964.10	4330808.90	227.58	227.58
DISCCART	370964.10	4330908.90	216.92	228.61
DISCCART	370964.10	4331008.90	228.00	228.00
DISCCART	370964.10	4331108.90	222.85	222.85
DISCCART	370964.10	4331208.90	222.79	232.89
DISCCART	370964.10	4331308.90	232.68	232.68
DISCCART	370982.50	4331323.10	232.96	232.96
DISCCART	371008.50	4324439.90	251.90	270.59
DISCCART	371045.50	4326680.60	234.17	234.17
DISCCART	371046.90	4331246.60	225.11	232.71
DISCCART	371050.60	4326661.40	233.09	234.14
DISCCART	371050.80	4326760.60	235.62	235.62
DISCCART	371057.40	4326860.30	238.74	238.74
DISCCART	371058.20	4326871.10	239.35	239.71
DISCCART	371064.10	4324408.90	252.45	270.84
DISCCART	371064.10	4324508.90	256.57	270.59
DISCCART	371064.10	4324608.90	257.18	280.37
DISCCART	371064.10	4324708.90	266.89	279.84
DISCCART	371064.10	4324808.90	279.05	279.05
DISCCART	371064.10	4324908.90	277.02	277.02
DISCCART	371064.10	4325008.90	274.72	274.72
DISCCART	371064.10	4325108.90	272.69	272.69
DISCCART	371064.10	4325208.90	258.80	274.35
DISCCART	371064.10	4325308.90	256.67	273.80
DISCCART	371064.10	4325408.90	255.73	261.15
DISCCART	371064.10	4325508.90	256.16	260.37
DISCCART	371064.10	4325608.90	255.61	260.07
DISCCART	371064.10	4325708.90	247.31	257.88
DISCCART	371064.10	4325808.90	251.20	255.88
DISCCART	371064.10	4325908.90	256.10	256.10
DISCCART	371064.10	4326008.90	253.42	255.97
DISCCART	371064.10	4326108.90	252.00	257.20
DISCCART	371064.10	4326208.90	252.09	254.17
DISCCART	371064.10	4326308.90	245.66	254.51
DISCCART	371064.10	4326408.90	229.54	255.52
DISCCART	371064.10	4326508.90	231.97	255.52
DISCCART	371064.10	4326608.90	231.97	255.52
DISCCART	371064.10	4326908.90	240.37	258.54
DISCCART	371064.10	4327008.90	239.57	263.29
DISCCART	371064.10	4327108.90	232.24	277.33
DISCCART	371064.10	4327208.90	229.24	283.60
DISCCART	371064.10	4327308.90	229.38	283.60
DISCCART	371064.10	4327408.90	227.48	285.56
DISCCART	371064.10	4327508.90	227.46	285.56
DISCCART	371064.10	4327608.90	227.57	283.23
DISCCART	371064.10	4327708.90	227.12	227.12
DISCCART	371064.10	4327808.90	226.60	226.60
DISCCART	371064.10	4327908.90	226.06	226.06
DISCCART	371064.10	4328008.90	227.56	227.97
DISCCART	371064.10	4328108.90	228.63	228.63
DISCCART	371064.10	4328208.90	228.46	228.46

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DISCCART	371064.10	4328308.90	229.35	229.35
DISCCART	371064.10	4328408.90	228.54	228.54
DISCCART	371064.10	4328508.90	219.04	232.23
DISCCART	371064.10	4328608.90	228.42	232.23
DISCCART	371064.10	4328708.90	228.64	228.64
DISCCART	371064.10	4328808.90	228.81	228.81
DISCCART	371064.10	4328908.90	228.86	228.86
DISCCART	371064.10	4329008.90	229.43	229.43
DISCCART	371064.10	4329108.90	228.13	228.13
DISCCART	371064.10	4329208.90	221.13	256.30
DISCCART	371064.10	4329308.90	228.67	255.96
DISCCART	371064.10	4329408.90	228.36	255.96
DISCCART	371064.10	4329508.90	228.86	255.02
DISCCART	371064.10	4329608.90	229.41	229.41
DISCCART	371064.10	4329708.90	228.97	253.35
DISCCART	371064.10	4329808.90	229.59	253.82
DISCCART	371064.10	4329908.90	233.83	233.83
DISCCART	371064.10	4330008.90	228.57	251.91
DISCCART	371064.10	4330108.90	228.32	264.12
DISCCART	371064.10	4330208.90	229.18	263.59
DISCCART	371064.10	4330308.90	226.83	263.59
DISCCART	371064.10	4330408.90	227.30	227.30
DISCCART	371064.10	4330508.90	227.24	227.24
DISCCART	371064.10	4330608.90	227.79	229.66
DISCCART	371064.10	4330708.90	226.92	226.92
DISCCART	371064.10	4330808.90	227.61	227.61
DISCCART	371064.10	4330908.90	222.89	227.93
DISCCART	371064.10	4331008.90	222.49	222.49
DISCCART	371064.10	4331108.90	223.06	231.87
DISCCART	371064.10	4331208.90	231.84	231.84
DISCCART	371076.70	4326564.90	231.45	255.52
DISCCART	371089.00	4326954.80	234.83	274.84
DISCCART	371093.80	4324387.70	253.34	270.84
DISCCART	371102.80	4326468.40	231.63	255.52
DISCCART	371111.30	4331170.10	231.57	231.57
DISCCART	371123.60	4327048.70	241.43	274.92
DISCCART	371128.90	4326371.80	232.39	255.52
DISCCART	371134.40	4324362.80	254.53	270.84
DISCCART	371147.10	4327112.40	241.38	276.73
DISCCART	371153.00	4324411.80	262.51	270.67
DISCCART	371155.00	4326275.30	235.11	261.47
DISCCART	371162.60	4327140.50	241.03	282.94
DISCCART	371164.10	4324508.90	266.20	269.94
DISCCART	371164.10	4324608.90	266.48	270.16
DISCCART	371164.10	4324708.90	268.43	280.90
DISCCART	371164.10	4324808.90	279.01	280.56
DISCCART	371164.10	4324908.90	276.51	279.49
DISCCART	371164.10	4325008.90	271.15	275.89
DISCCART	371164.10	4325108.90	268.34	275.34
DISCCART	371164.10	4325208.90	261.34	284.62
DISCCART	371164.10	4325308.90	261.11	263.73
DISCCART	371164.10	4325408.90	257.72	260.14
DISCCART	371164.10	4325508.90	253.29	259.59
DISCCART	371164.10	4325608.90	254.04	254.04

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	371164.10	4325708.90	254.29	258.62
DISCCART	371164.10	4325808.90	254.41	255.26
DISCCART	371164.10	4325908.90	242.74	261.12
DISCCART	371164.10	4326008.90	238.11	268.32
DISCCART	371164.10	4326108.90	240.08	261.19
DISCCART	371164.10	4326208.90	237.05	261.84
DISCCART	371164.10	4327208.90	237.40	283.60
DISCCART	371164.10	4327308.90	231.96	289.10
DISCCART	371164.10	4327408.90	230.41	289.60
DISCCART	371164.10	4327508.90	227.08	291.88
DISCCART	371164.10	4327608.90	226.97	291.88
DISCCART	371164.10	4327708.90	226.70	291.88
DISCCART	371164.10	4327808.90	226.66	289.10
DISCCART	371164.10	4327908.90	225.68	228.74
DISCCART	371164.10	4328008.90	229.13	229.13
DISCCART	371164.10	4328108.90	229.51	229.51
DISCCART	371164.10	4328208.90	229.31	229.31
DISCCART	371164.10	4328308.90	229.40	229.40
DISCCART	371164.10	4328408.90	229.57	229.57
DISCCART	371164.10	4328508.90	230.58	231.55
DISCCART	371164.10	4328608.90	218.16	271.71
DISCCART	371164.10	4328708.90	228.26	261.23
DISCCART	371164.10	4328808.90	228.69	259.29
DISCCART	371164.10	4328908.90	227.33	253.07
DISCCART	371164.10	4329008.90	221.62	254.32
DISCCART	371164.10	4329108.90	221.52	256.30
DISCCART	371164.10	4329208.90	228.46	256.30
DISCCART	371164.10	4329308.90	233.84	256.30
DISCCART	371164.10	4329408.90	235.69	256.30
DISCCART	371164.10	4329508.90	230.99	256.30
DISCCART	371164.10	4329608.90	230.99	253.48
DISCCART	371164.10	4329708.90	232.30	253.82
DISCCART	371164.10	4329808.90	237.69	253.82
DISCCART	371164.10	4329908.90	239.99	253.04
DISCCART	371164.10	4330008.90	230.35	264.12
DISCCART	371164.10	4330108.90	228.72	264.12
DISCCART	371164.10	4330208.90	228.69	264.12
DISCCART	371164.10	4330308.90	226.78	264.12
DISCCART	371164.10	4330408.90	227.06	264.12
DISCCART	371164.10	4330508.90	227.46	227.46
DISCCART	371164.10	4330608.90	228.75	228.75
DISCCART	371164.10	4330708.90	226.80	226.80
DISCCART	371164.10	4330808.90	224.65	224.65
DISCCART	371164.10	4330908.90	225.61	225.61
DISCCART	371164.10	4331008.90	217.03	231.76
DISCCART	371175.80	4331093.60	225.17	231.76
DISCCART	371181.10	4326178.70	237.88	262.21
DISCCART	371188.60	4324505.20	267.85	270.85
DISCCART	371193.50	4331072.50	222.69	231.76
DISCCART	371207.20	4326082.20	241.06	270.86
DISCCART	371211.00	4327228.00	240.04	283.60
DISCCART	371224.20	4324598.70	269.77	270.16
DISCCART	371233.10	4331011.90	216.82	232.72
DISCCART	371233.30	4325985.70	244.01	270.52

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	371236.00	4324629.50	270.49	270.49
DISCCART	371241.60	4324696.30	270.53	270.53
DISCCART	371250.10	4324795.90	271.25	283.41
DISCCART	371258.50	4324895.60	271.46	287.35
DISCCART	371259.40	4325889.10	247.13	264.57
DISCCART	371259.40	4327315.50	238.92	289.27
DISCCART	371264.10	4325008.90	270.75	288.88
DISCCART	371264.10	4325108.90	269.47	287.82
DISCCART	371264.10	4325208.90	267.32	285.38
DISCCART	371264.10	4325308.90	264.85	264.85
DISCCART	371264.10	4325408.90	261.67	261.67
DISCCART	371264.10	4325508.90	258.45	258.45
DISCCART	371264.10	4325608.90	255.36	263.11
DISCCART	371264.10	4325708.90	252.18	259.44
DISCCART	371264.10	4325808.90	249.77	249.77
DISCCART	371264.10	4327408.90	235.49	291.88
DISCCART	371264.10	4327508.90	231.14	292.37
DISCCART	371264.10	4327608.90	227.17	292.53
DISCCART	371264.10	4327708.90	225.41	292.53
DISCCART	371264.10	4327808.90	225.11	292.53
DISCCART	371264.10	4327908.90	229.86	291.88
DISCCART	371264.10	4328008.90	230.58	238.69
DISCCART	371264.10	4328108.90	230.92	264.08
DISCCART	371264.10	4328208.90	230.05	264.08
DISCCART	371264.10	4328308.90	230.65	264.08
DISCCART	371264.10	4328408.90	231.29	270.64
DISCCART	371264.10	4328508.90	231.45	271.68
DISCCART	371264.10	4328608.90	230.80	271.68
DISCCART	371264.10	4328708.90	224.66	271.71
DISCCART	371264.10	4328808.90	223.62	271.68
DISCCART	371264.10	4328908.90	229.39	260.42
DISCCART	371264.10	4329008.90	229.17	254.68
DISCCART	371264.10	4329108.90	233.61	253.07
DISCCART	371264.10	4329208.90	234.38	256.30
DISCCART	371264.10	4329308.90	251.81	251.81
DISCCART	371264.10	4329408.90	253.33	253.33
DISCCART	371264.10	4329508.90	243.05	253.49
DISCCART	371264.10	4329608.90	233.65	252.63
DISCCART	371264.10	4329708.90	239.11	253.82
DISCCART	371264.10	4329808.90	252.15	252.15
DISCCART	371264.10	4329908.90	249.20	254.45
DISCCART	371264.10	4330008.90	244.65	255.37
DISCCART	371264.10	4330108.90	238.68	264.12
DISCCART	371264.10	4330208.90	230.84	264.12
DISCCART	371264.10	4330308.90	230.92	264.12
DISCCART	371264.10	4330408.90	226.92	264.12
DISCCART	371264.10	4330508.90	227.37	264.12
DISCCART	371264.10	4330608.90	228.20	228.20
DISCCART	371264.10	4330708.90	224.42	224.42
DISCCART	371264.10	4330808.90	224.93	232.70
DISCCART	371264.10	4330908.90	224.13	232.77
DISCCART	371266.90	4324995.20	270.90	289.24
DISCCART	371267.70	4325004.20	270.90	289.24
DISCCART	371271.10	4325095.10	269.83	288.05

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	371274.90	4325195.00	267.81	285.74
DISCCART	371278.60	4325295.00	264.88	264.88
DISCCART	371282.40	4325394.90	262.03	262.03
DISCCART	371285.40	4325792.60	250.63	250.63
DISCCART	371286.10	4325494.80	258.98	265.65
DISCCART	371286.80	4325512.20	258.42	266.06
DISCCART	371287.90	4330928.20	223.71	232.86
DISCCART	371291.30	4325594.70	255.97	265.40
DISCCART	371296.90	4325694.50	253.63	253.63
DISCCART	371299.50	4325740.80	251.24	252.37
DISCCART	371307.80	4327403.00	238.20	291.88
DISCCART	371312.20	4327410.80	238.12	292.37
DISCCART	371324.90	4328560.20	232.04	277.07
DISCCART	371328.90	4328494.00	232.93	276.73
DISCCART	371332.90	4328592.90	231.74	277.42
DISCCART	371333.70	4327499.30	237.01	292.37
DISCCART	371335.10	4328394.20	234.96	271.68
DISCCART	371341.20	4328294.40	236.99	264.08
DISCCART	371342.60	4330844.50	232.81	232.81
DISCCART	371347.40	4328194.50	238.96	264.08
DISCCART	371350.30	4328147.40	232.85	264.08
DISCCART	371352.30	4328094.70	239.21	264.08
DISCCART	371356.10	4327994.70	237.39	237.39
DISCCART	371356.60	4328690.00	232.17	276.57
DISCCART	371357.30	4327596.40	236.05	292.53
DISCCART	371359.80	4327894.80	235.09	292.37
DISCCART	371363.60	4327794.90	234.33	292.53
DISCCART	371364.10	4327708.90	234.80	292.53
DISCCART	371364.10	4328808.90	234.94	267.57
DISCCART	371364.10	4328908.90	235.00	260.85
DISCCART	371364.10	4329008.90	240.23	254.32
DISCCART	371364.10	4329108.90	239.70	253.07
DISCCART	371364.10	4329208.90	230.81	260.79
DISCCART	371364.10	4329308.90	249.43	256.30
DISCCART	371364.10	4329408.90	254.07	254.83
DISCCART	371364.10	4329508.90	245.85	246.04
DISCCART	371364.10	4329608.90	237.80	255.86
DISCCART	371364.10	4329708.90	241.49	255.86
DISCCART	371364.10	4329808.90	243.16	255.86
DISCCART	371364.10	4329908.90	252.14	253.67
DISCCART	371364.10	4330008.90	254.81	254.81
DISCCART	371364.10	4330108.90	249.51	264.12
DISCCART	371364.10	4330208.90	251.69	264.12
DISCCART	371364.10	4330308.90	237.96	264.12
DISCCART	371364.10	4330408.90	226.51	264.12
DISCCART	371364.10	4330508.90	227.37	264.12
DISCCART	371364.10	4330608.90	227.17	227.17
DISCCART	371364.10	4330708.90	223.51	236.08
DISCCART	371364.10	4330808.90	232.81	232.81
DISCCART	371367.40	4327695.00	234.94	292.53
DISCCART	371369.30	4327645.80	235.61	292.53
DISCCART	371380.30	4328787.20	234.50	271.68
DISCCART	371397.30	4330760.80	233.07	233.07
DISCCART	371404.10	4328884.30	236.97	262.58

Appendix D. Attainment Demonstration Modeling Input Files

DISCCART	371427.80	4328981.50	239.65	260.62
DISCCART	371451.50	4329078.60	242.52	258.97
DISCCART	371452.00	4330677.10	234.57	234.57
DISCCART	371463.40	4330659.80	234.91	234.91
DISCCART	371464.10	4329208.90	244.75	244.75
DISCCART	371464.10	4329308.90	245.79	259.98
DISCCART	371464.10	4329408.90	247.05	260.35
DISCCART	371464.10	4329508.90	247.80	247.80
DISCCART	371464.10	4329608.90	245.02	249.30
DISCCART	371464.10	4329708.90	250.43	255.20
DISCCART	371464.10	4329808.90	254.92	254.92
DISCCART	371464.10	4329908.90	253.80	260.19
DISCCART	371464.10	4330008.90	260.21	260.21
DISCCART	371464.10	4330108.90	259.84	259.84
DISCCART	371464.10	4330208.90	251.29	264.12
DISCCART	371464.10	4330308.90	247.50	264.12
DISCCART	371464.10	4330408.90	227.90	264.12
DISCCART	371464.10	4330508.90	225.95	264.12
DISCCART	371464.10	4330608.90	225.70	256.60
DISCCART	371471.30	4329159.60	244.15	252.97
DISCCART	371472.50	4329176.20	244.46	252.97
DISCCART	371479.50	4329275.90	245.71	258.79
DISCCART	371484.60	4330583.40	226.80	257.04
DISCCART	371486.50	4329375.70	246.55	261.24
DISCCART	371493.60	4329475.40	247.56	247.56
DISCCART	371500.60	4329575.20	248.59	248.59
DISCCART	371507.60	4329674.90	243.90	255.86
DISCCART	371511.00	4329723.20	250.24	250.24
DISCCART	371511.40	4330487.10	226.86	264.12
DISCCART	371513.50	4329774.80	250.66	250.66
DISCCART	371518.40	4329874.60	251.50	264.17
DISCCART	371523.30	4329974.50	251.97	264.53
DISCCART	371528.20	4330074.40	251.41	264.53
DISCCART	371533.00	4330174.30	249.80	264.12
DISCCART	371537.90	4330274.20	247.01	264.12
DISCCART	371538.10	4330390.70	239.69	256.84
DISCCART	371542.80	4330374.00	244.33	256.07

RE FINISHED

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** AERMOD Meteorology Pathway

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ME STARTING

SURFFILE KCTOP08-12.SFC

PROFFILE KCTOP08-12.PFL

SURFDATA 13988 2008 KANSAS_CITY/FAA_AIRPORT 39.12 94.60

UAIRDATA 13996 2008 TOPEKA/MUNICIPAL_ARPT

PROFBASE 231.0 METERS

ME FINISHED

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** AERMOD Output Pathway

Appendix D. Attainment Demonstration Modeling Input Files

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OU STARTING  
  RECTABLE ALLAVE 4-25  
OU MAXDCONT ALL 4 THRESH 196.5 Att-Demo-MAXDCONTALLGRID6.DAT  
OU PLOTFILE 1 ALL 4TH Att-Demo-01H4GALLG6.PLT  
**OU PLOTFILE 1 VEOLIA 4TH 01H4G95VEOLIAG6.PLT  
**OU PLOTFILE 1 BPUN 4TH 01H4GBPUNG6.PLT  
**OU PLOTFILE 1 BPUQ 4TH 01H4GBPUQG6.PLT  
**OU PLOTFILE 1 HAWTH6 4TH 01H4GCHAWTH6G6.PLT  
**OU PLOTFILE 1 HAWTHCTS 4TH 01H4GPTEHAWTHCTSG6.PLT  
**OU PLOTFILE 1 MOCITY5 4TH 01H4GPTEMOCITY5G6.PLT  
**OU PLOTFILE 1 MOCITY6 4TH 01H4GPTEMOCITY6G6.PLT  
**OU PLOTFILE 1 SIB5A 4TH 01H4GCSIB5AG6.PLT  
**OU PLOTFILE 1 SIB5B 4TH 01H4GCSIB5BG6.PLT  
**OU PLOTFILE 1 SIB5C 4TH 01H4GCSIB5CG6.PLT  
**OU PLOTFILE 1 BV 4TH 01H4GNGBVG6.PLT  
**OU PLOTFILE 1 BV4 4TH 01H4GCBV4G6.PLT  
**OU PLOTFILE 1 BV5 4TH 01H4GCBV5G6.PLT  
**OU PLOTFILE 1 BV9 4TH 01H4GCBV9G6.PLT  
**OU PLOTFILE 1 IATAN 4TH 01H4GCIATANG6.PLT  
OU FINISHED
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