



## PART 70 PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth herein.

**Operating Permit Number:** OP2010-020  
**Expiration Date:** FEB 21 2015  
**Installation ID:** 047-0096  
**Project Number:** 2002-09-112

**Installation Name and Address**

Independence Power & Light - Missouri City Station  
P.O. Box 1019  
Independence, MO 64051  
Jackson County

**Parent Company's Name and Address**

City of Independence  
P.O. Box 1019  
Independence MO, 64051

**Installation Description:**

The installation consists of truck unloading, coal pile (1.1 acres), underground hopper, enclosed conveyors, enclosed crusher (80 tons/hour), two 265 MMBtu/hr dual fuel boilers that burn coal or fuel oil, and two 19 MW generators. One 8.37 MMBtu/hr heating boiler that burns fuel oil, a 121 HP diesel engine driven fire protection pump, a 250,000 gallon fuel oil storage tank and 2-500 gallon diesel storage tanks are also at the installation. The plant is not limited to seasonal operation, but typically operates approximately five months per year (roughly June through October).

FEB 22 2010

Effective Date

Director or Designee  
Department of Natural Resources

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## I. Installation Description and Equipment Listing

### INSTALLATION DESCRIPTION

The installation consists of truck unloading, coal pile (1.1 acres), underground hopper, enclosed conveyors, enclosed crusher (80 tons/hour), two 265 MMBtu/hr dual fuel boilers that burn coal or fuel oil, and two 19 MW generators. One 8.37 MMBtu/hr heating boiler that burns fuel oil, a 121 HP diesel engine driven fire protection pump, a 250,000 gallon fuel oil storage tank and 2-500 gallon diesel storage tanks are also at the installation. The plant is not limited to seasonal operation. It typically operates approximately five months per year (roughly June through October).

Reported Air Pollutant Emissions, tons per year								
Year	Particulate Matter ≤ Ten Microns (PM-10)	Particulate Matter ≤ 2.5 Microns (PM-2.5)	Sulfur Oxides (SO <sub>x</sub> )	Nitrogen Oxides (NO <sub>x</sub> )	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants (HAPs)
2008	22.46	11.51	2591.78	531.30	0.70	8.85	0.0100	15.40
2007	45.34	2.02	5039.72	1193.48	1.55	19.62	0.0127	34.62
2006	34.34	17.01	3212.01	713.02	0.93	11.71	0.0076	20.69
2005	37.83	18.74	3767.97	880.60	1.15	14.69	0.0093	25.51
2004	18.20	1.56	2062.92	445.33	0.58	7.45	0.0048	12.90
2003	26.46	17.12	3350.34	754.33	0.90	11.39	0.0072	19.95

### EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation that emits air pollutants and that are identified as having unit-specific emission limitations.

Emission Unit #	Ref	Description of Emission Unit
EU0020	EP-05 stack	This emission point consists of the following sources (put in service in 1954): #1 Boiler-Coal, Maximum Design Rate, 265 MMBtu/hr #1 Boiler-Fuel Oil, Maximum Design Rate, 265 MMBtu/hr #2 Boiler-Coal, Maximum Design Rate, 265 MMBtu/hr #2 Boiler-Fuel Oil, Maximum Design Rate, 265 MMBtu/hr
EU0030	EP-06	Heating Boiler-Put in service in 1978, Fuel Oil 8.37 MMBtu/hr

*MMBtu/hr = Million British Thermal Units per Hour*

### **EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS**

The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

#### Description of Emission Source

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EP-01 Truck Unloading, Coal Pile (1.1 Acres), underground hopper, crusher and conveyors  
EP-11 Number 2 Fuel Oil Aboveground Tank 250,000 gallons  
EP-102 Two (2) Diesel Aboveground Tanks 500 gallons each  
EP-53 Diesel Engine Driven, Fire Protection Pump, 121 Horse Power

### **DOCUMENTS INCORPORATED BY REFERENCE**

These documents have been incorporated by reference into this permit:

40 CFR Part 64, Compliance Assurance Monitoring (CAM) Plan for Missouri City Power Station approved by the Missouri Department of Natural Resources, May 11, 2009.

## II. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

<b>EU0020 - WALL FIRED, DRY BOTTOM BOILERS FUELED BY COAL OR OIL</b>			
Emission Unit	Description	Control	2008 EIQ Ref #
EU0020	Stack for Boiler #1 and #2, Coal and Fuel Oil	8-compartment, reverse-air cleaning baghouse with full bypass capability and a common stack	EP-05

**PERMIT CONDITION EU0020-01**  
**10 CSR 10-2.040 Maximum Allowable Emissions of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating**  
**40 CFR Part 64, Compliance Assurance Monitoring (CAM)**

**Emission Limitation:**

Independence Power and Light, Missouri City Station shall not emit particulate matter from either Boiler #1 or Boiler #2 in excess of 0.21 pounds per million Btu of heat input.

**Monitoring/Record Keeping:**

1. Proper maintenance. At all times, the owner or operator shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment. [§64.7(b)]
2. Continued operation. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall collect data at all required intervals at all times that the pollutant-specific emissions units are operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. [§64.7(c)]
3. Response to excursions or exceedances: [§64.7(d)]
  - a) Upon detecting an excursion or exceedance, the owner or operator shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions

may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable. [§64.7(d)(1)]

- b) Determination of whether the owner or operator has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process. [§64.7(d)(2)]
- 4. Documentation of need for improved monitoring. After approval of monitoring under this part, if the owner or operator identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the owner or operator shall promptly notify the permitting authority and, if necessary, submit a proposed modification to the part 70 permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters. [§64.7(e)]
- 5. CAM Monitoring Approach for Particulate Matter (PM) Emissions from Boiler Units 1 and 2

Independence Power & Light Missouri City Station	
<b>Particulate Matter Indicator</b>	
<b>Indicator</b>	Opacity
<b>Measurement Approach</b>	Continuous Opacity Monitoring System (COMS)
<b>Indicator Range</b>	<p>The indicator range is defined as a 6-minute block average opacity less than 20%. An excursion is defined as a 6-minute block average opacity equal to or greater than 20%.</p> <p>Excursions trigger an inspection, corrective action, and a reporting requirement.</p> <p>Performance testing for compliance with the applicable PM emission limit shall be performed within 1 year of issuance of the Part 70 permit renewal, and every 3 years thereafter for the life of the Part 70 permit, unless that permit has been legally modified with an alternative performance testing schedule.</p>
<b>Performance Criteria</b>	
<b>Data Representativeness</b>	Both boilers discharge to a common emission control device (i.e., an 8-compartment, reverse-air cleaning baghouse) with full bypass capability and a common stack. The common stack is equipped with a COMS located downstream of the baghouse. The COMS complies with the applicable version of 40 CFR Part 60, Appendix B, Performance Specification 1.

<b>Verification of Operational Status</b>	Not applicable since the selected monitoring approach utilizes existing COMS that were initially installed and evaluated per the applicable version of Performance Specification 1.
<b>QA/QC Practices and Criteria</b>	Perform a daily zero and calibration drift check, periodic cleaning of optical surfaces and other periodic QA/QC checks as specified in applicable version of Performance Specification 1.
<b>Monitoring Frequency</b>	Continuous [i.e., the COMS is to complete a minimum of one cycle (i.e., sampling, analyzing, and data recording) for each successive 10-second period].
<b>Averaging Period</b>	The data acquisition system is to reduce the 10-second opacity data points to 6-minute block averages.
<b>Data Collection Procedure</b>	Percent opacity is shown continuously on the local readout on the baghouse controller display. Six minute block averages are recorded on a strip chart.
<b>Reporting</b>	Summary information on the number, duration, and cause for any excursions and COMS downtime will be reported on a semiannual basis in the installation's Part 70 semiannual monitoring report that is submitted in accordance with 10 CSR 10-6.065.

**Reporting:**

1. A report for monitoring under this part shall include, at a minimum, the information required under §70.6(a)(3)(iii) of this chapter and the following information, as applicable: [§64.9(a)(2)]
  - a) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken; [§64.9(a)(2)(i)]
  - b) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and [§64.9(a)(2)(ii)]
2. The report shall be submitted in the installation's Part 70 semiannual monitoring report that is submitted in accordance with 10 CSR 10-6.065.

In accordance with 10 CSR 10-6.065(6)(C)1.C.(II)(b)I. *Retention of Records*, all required monitoring data and support information must be kept for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application.

**PERMIT CONDITION EU0020-02**  
**10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds**

**Emission Limitation:**

1. No person shall cause or permit emissions of sulfur dioxide into the atmosphere from any indirect heating source in excess of 8 pounds of sulfur dioxide per million Btus actual heat input averaged on any consecutive three hour time period.
2. No person shall cause or permit the emission of sulfur compounds from any source which causes or contributes to concentrations exceeding those specified in 10 CSR 10-6.010 Ambient Air Quality Standards.

**Operational Limitation:**

Fuel oil is limited to a sulfur content of no more than 0.05% sulfur by weight or less.

**Monitoring/Recordkeeping:**

1. The sulfur dioxide emissions resulting from coal used shall be recorded using Attachment D or an equivalent method.
2. The permittee shall maintain records of the fuel oil used, verifying sulfur content less than 0.05% by weight. Purchase receipts, analyzed samples or certifications that verify the fuel type as a grade level with a sulfur content less than 0.05% by weight will be acceptable.

In accordance with 10 CSR 10-6.065(6)(C)1.C.(II)(b)I. *Retention of Records*, all required monitoring data and support information must be kept for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application.

**Reporting:**

Independence Power and Light, Missouri City Station shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after any deviation from the fuel oil sulfur content or Attachment D coal sulfur dioxide calculations.

**PERMIT CONDITION EU0020-03**

**10 CSR 10-6.220, Restriction of Emissions of Visible Air Contaminants**

**Emission Limitation:**

1. No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing source any visible emissions with opacity greater than 20%.
2. Exception:  
A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with opacity up to 60%.

**Operational Limitation/Equipment Specifications:**

1. All instruments and control equipment shall be calibrated, maintained and operated according to the manufacturer specifications and recommendations.
2. The permittee shall calibrate, maintain and operate a continuous opacity monitoring system (COMS) and automated data acquisition system for measuring and recording the opacity (in percent opacity) in order to provide reasonable assurance of the performance of the fabric filter.

**Compliance:**

1. Visible emissions exceeding the above limitations are in violation of this rule unless the Director determines that the excess emissions do not warrant enforcement action based on data submitted under 10 CSR 10-6.050 Start-Up, Shutdown and Malfunction Conditions.
2. Any exceedance of the above emission limitations solely because of the presence of uncombined water shall not be a violation of this rule.
3. An excursion is defined as a 6-minute block average opacity equal to or greater than 20%.

**Monitoring:**

1. The continuous opacity monitoring system (COMS) is to complete a minimum of one cycle (i.e., sampling, analyzing, and data recording) for each successive 10-second period.
2. The data acquisition system is to reduce the 10-second opacity data points to 6-minute block averages.
3. Percent opacity is shown continuously on the local readout on the baghouse controller display. Six minute block averages are recorded on a strip chart.
4. Perform a daily zero and calibration drift check, periodic cleaning of optical surfaces and other periodic QA/QC checks as specified in applicable version of Performance Specification 1.

**Record Keeping:**

1. This includes, but is not restricted to the following reported in a quarterly monitoring report (Attachment E or equivalent):
  - a) The charts or printouts generated by the continuous opacity monitor, where applicable;
  - b) An opacity summary report;
  - c) An excess opacity emission summary;
  - d) An excess opacity emission summary list;
  - e) An opacity monitoring downtime summary list.
2. All six-minute opacity averages and daily Quality Assurance (QA)/Quality Control (QC) records. This includes, but is not restricted to the daily monitoring system calibration check done on the continuous opacity monitoring system. Attachment E or an equivalent record keeping sheet shall be used to certify compliance with the daily monitoring system calibration check.
3. The permittee shall maintain records of any opacity monitoring equipment malfunctions.
4. The permittee shall maintain records of any Method 9 test performed to determine compliance with this permit condition. Attachment C or equivalent record keeping form shall be used to provide Method 9 Opacity Emissions Observations log records.
5. These records shall be made available immediately for inspection to the Department of Natural Resources' personnel upon request. All records must be maintained for five years.

In accordance with 10 CSR 10-6.065(6)(C)1.C.(II)(b)I. *Retention of Records*, all required monitoring data and support information must be kept for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application.

**Reporting:**

1. The permittee shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of the opacity limit established by 10 CSR 10-6.220.
2. The permittee shall submit a quarterly written report to the Director of the Air Pollution Control Program. All quarterly reports shall be postmarked no later than the thirtieth day following the end of each calendar quarter and shall include the following emissions data:
  - a) A summary including total time for each cause of excess emissions and/or monitor downtime;
  - b) Nature and cause of excess emissions, if known;
  - c) The six-minute average opacity values greater than the opacity emission requirements (The average of the values shall be obtained by using the procedures specified in the Reference Method used to determine the opacity of the visible emissions);
  - d) The date and time identifying each period during which the COMS was inoperative (except for zero and span checks), including the nature and frequency of system repairs or adjustments that were made during these times; and

- e) If no excess emissions have occurred during the reporting period and the COMS has not been inoperative, repaired or adjusted, this information shall be stated in the report.

<b>EU0030 - HEATING BOILER</b>		
Emission Unit	Description	2008 EIQ Ref #
EU0030	Heating Boiler, 8.37 MMBtu/hr, 1978, fuel oil	EP-06

**PERMIT CONDITION EU0030-01**

**10 CSR 10-2.040 Maximum Allowable Emissions of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating**

**Emission Limitation:**

Independence Power and Light, Missouri City Station shall not emit particulate matter in excess of 0.6 pounds per million Btu of heat input.

**Monitoring/Record Keeping:**

The Webfire PM<sub>10</sub> emission factor for SCC 10500105 is 3.76 lb/1000 gallon. This, divided by the AP42, Appendix A heating value of fuel oil (140 MMBtu/1000gal), demonstrates a potential emission rate of 0.027 lbs PM<sub>10</sub>/MMBtu. The total PM is assumed to be approximately equal to the PM<sub>10</sub>, so no monitoring is required.

**PERMIT CONDITION EU0030-02**

**10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds**

**Emission Limitation:**

1. No person shall cause or permit emissions of sulfur dioxide into the atmosphere from any indirect heating source in excess of 8 pounds of sulfur dioxide per million Btus actual heat input averaged on any consecutive three hour time period
2. No person shall cause or permit the emission of sulfur compounds from any source which causes or contributes to concentrations exceeding those specified in 10 CSR 10-6.010 Ambient Air Quality Standards.

**Operational Limitation:**

Fuel oil is limited to a sulfur content of no more than 0.05% sulfur by weight or less.

**Monitoring/Recordkeeping:**

The permittee shall maintain records of the fuel type used verifying a sulfur content less than 0.05% by weight. Purchase receipts, analyzed samples or certifications that verify the fuel type as a grade level with a sulfur content less than 0.05% by weight will be acceptable.

In accordance with 10 CSR 10-6.065(6)(C)1.C.(II)(b)I. *Retention of Records*, all required monitoring data and support information must be kept for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application.

**Reporting:**

Independence Power and Light, Missouri City Station shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after any exceedance of 10 CSR 10-6.260.

**PERMIT CONDITION EU0030-03**

**10 CSR 10-6.220, Restriction of Emissions of Visible Air Contaminants**

**Emission Limitation:**

1. No owner or other person shall cause or permit emissions to be discharged into the atmosphere from any existing source any visible emissions with opacity greater than 20%.
2. Exception:  
A person may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six (6) minutes in any 60 minutes air contaminants with opacity up to 60%.

**Monitoring/Record Keeping:**

As detailed in Core Permit Requirements 10 CSR 10-6.220.

In accordance with 10 CSR 10-6.065(6)(C)1.C.(II)(b)I. *Retention of Records*, all required monitoring data and support information must be kept for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application.

**Reporting:**

Independence Power and Light, Missouri City Station shall report to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than 10 days after any exceedance of 10 CSR 10-6.220 demonstrated by Attachment C or equivalent.

### III. Core Permit Requirements

The installation shall comply with each of the following regulations or codes. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The following is only an excerpt from the regulation or code, and is provided for summary purposes only.

#### **10 CSR 10-6.045 Open Burning Requirements**

- (1) General Provisions. The open burning of tires, petroleum-based products, asbestos containing materials, and trade waste is prohibited, except as allowed below. Nothing in this rule may be construed as to allow open burning which causes or constitutes a public health hazard, nuisance, a hazard to vehicular or air traffic, nor which violates any other rule or statute.
- (2) Refer to the regulation for a complete list of allowances. The following is a listing of exceptions to the allowances:
  - (A) Burning of household or domestic refuse. Burning of household or domestic refuse is limited to open burning on a residential premises having not more than four dwelling units, provided that the refuse originates on the same premises, with the following exceptions:
    1. Kansas City metropolitan area. The open burning of household refuse must take place in an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of Kansas City and every contiguous municipality;
    2. Springfield-Greene County area. The open burning of household refuse must take place outside the corporate limits of Springfield and only within areas zoned A-1, Agricultural District;
    3. St. Joseph area. The open burning of household refuse must take place within an area zoned for agricultural purposes and outside that portion of the metropolitan area surrounded by the corporate limits of St. Joseph; and
    4. St. Louis metropolitan area. The open burning of household refuse is prohibited;
  - (B) Yard waste, with the following exceptions:
    1. Kansas City metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation shall require an open burning permit;
    2. Springfield-Greene County area. The City of Springfield requires an open burning permit for the open burning of trees, brush or any other type of vegetation. The City of Springfield prohibits the open burning of tree leaves;
    3. St. Joseph area. Within the corporate limits of St. Joseph, the open burning of trees, tree leaves, brush or any other type of vegetation grown on a residential property is allowed during the following calendar periods and time-of-day restrictions:
      - A. A three (3)-week period within the period commencing the first day of March through April 30 and continuing for twenty-one (21) consecutive calendar days;
      - B. A three (3)-week period within the period commencing the first day of October through November 30 and continuing for twenty-one (21) consecutive calendar days;
      - C. The burning shall take place only between the daytime hours of 10:00 a.m. and 3:30 p.m.; and
      - D. In each instance, the twenty-one (21)-day burning period shall be determined by the Director of Public Health and Welfare of the City of St. Joseph for the region in which the City of St. Joseph is located provided, however, the burning period first shall receive the approval of the Department Director; and

4. St. Louis metropolitan area. The open burning of trees, tree leaves, brush or any other type of vegetation is limited to the period beginning September 16 and ending April 14 of each calendar year and limited to a total base area not to exceed sixteen (16) square feet. Any open burning shall be conducted only between the hours of 10:00 a.m. and 4:00 p.m. and is limited to areas outside of incorporated municipalities;
- (3) Certain types of materials may be open burned provided an open burning permit is obtained from the Director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.
- (4) Independence Power & Light - Missouri City Station may be issued an annually renewable open burning permit for open burning provided that an air curtain destructor or incinerator is utilized and only tree trunks, tree limbs, vegetation or untreated wood waste are burned. Open burning shall occur at least two hundred (200) yards from the nearest occupied structure unless the owner or operator of the occupied structure provides a written waiver of this requirement. Any waiver shall accompany the open burning permit application. The permit may be revoked if Independence Power & Light - Missouri City Station fails to comply with the provisions or any condition of the open burning permit.
  - (A) In a nonattainment area, as defined in 10 CSR 10-6.020, paragraph (2)(N)5., the Director shall not issue a permit under this section unless the owner or operator can demonstrate to the satisfaction of the Director that the emissions from the open burning of the specified material would be less than the emissions from any other waste management or disposal method.
- (5) Reporting and Record Keeping. New Source Performance Standard (NSPS) 40 CFR Part 60 Subpart CCCC establishes certain requirements for air curtain destructors or incinerators that burn wood trade waste. These requirements are established in 40 CFR 60.2245-60.2260. The provisions of 40 CFR Part 60 Subpart CCCC promulgated as of September 22, 2005, shall apply and are hereby incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401. To comply with NSPS 40 CFR 60.2245-60.2260, sources must conduct an annual Method 9 test. A copy of the annual Method 9 test results shall be submitted to the Director.
- (6) Test Methods. The visible emissions from air pollution sources shall be evaluated as specified by 40 CFR Part 60, Appendix A–Test Methods, Method 9–Visual Determination of the Opacity of Emissions from Stationary Sources. The provisions of 40 CFR Part 60, Appendix A, Method 9 promulgated as of December 23, 1971 is incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401.

#### **10 CSR 10-6.050 Start-up, Shutdown and Malfunction Conditions**

- 1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the Director within two business days, in writing, the following information:
  - a) Name and location of installation;
  - b) Name and telephone number of person responsible for the installation;
  - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
  - d) Identity of the equipment causing the excess emissions;
  - e) Time and duration of the period of excess emissions;
  - f) Cause of the excess emissions;
  - g) Air pollutants involved;

- h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
  - i) Measures taken to mitigate the extent and duration of the excess emissions; and
  - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- 2) The permittee shall submit the paragraph 1 information list to the Director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the Director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
  - 3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under Section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the Director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under Section 643.080 or 643.151, RSMo.
  - 4) Nothing in this rule shall be construed to limit the authority of the Director or commission to take appropriate action, under Sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
  - 5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

#### **10 CSR 10-6.060 Construction Permits Required**

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

#### **10 CSR 10-6.065 Operating Permits**

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. [10 CSR 10-6.065(6)(B)1.A(V)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Missouri Department of Natural Resources' personnel upon request. [10 CSR 10-6.065(6)(C)3.B]

#### **10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants and 40 CFR Part 61 Subpart M National Emission Standard for Asbestos**

- 1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

- 2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

#### **10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information**

- 1) The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) annually.
- 2) The permittee may be required by the Director to file additional reports.
- 3) Public Availability of Emission Data and Process Information. Any information obtained pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the public upon request.
- 4) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079 to satisfy the requirements of the Federal Clean Air Act, Title V.
- 5) The permittee shall complete required reports on state supplied EIQ forms or in a form satisfactory to the Director and the reports shall be submitted to the Director by June 1 after the end of each reporting period.
- 6) The reporting period shall end on December 31 of each calendar year. Each report shall contain the required information for each emission unit for the twelve (12)-month period immediately preceding the end of the reporting period.
- 7) The permittee shall collect, record and maintain the information necessary to complete the required forms during each year of operation of the installation.

#### **10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential**

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

#### **10 CSR 10-6.150 Circumvention**

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

#### **10 CSR 10-6.170**

#### **Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**

##### **Emission Limitation:**

- 1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the Director.
- 2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.

- 3) Should it be determined that noncompliance has occurred, the Director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
  - a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
  - b) Paving or frequent cleaning of roads, driveways and parking lots;
  - c) Application of dust-free surfaces;
  - d) Application of water; and
  - e) Planting and maintenance of vegetative ground cover.

**Monitoring:**

- 1) The permittee shall conduct inspections of its facilities sufficient to determine compliance with this regulation. If the permittee discovers a violation, the permittee shall undertake corrective action to eliminate the violation.
- 2) The permittee shall conduct monthly observations unless a violation is noted, which will require the following monitoring schedule:
  - a) The permittee shall conduct weekly observations for a minimum of eight (8) consecutive weeks after the violation.
  - b) Should no violation of this regulation be observed during this period then-
    - i) The permittee may observe once every two (2) weeks for a period of eight (8) weeks.
    - ii) If a violation is noted, monitoring reverts to weekly.
    - iii) Should no violation of this regulation be observed during this period then-
      - (1) The permittee may observe once per month.
      - (2) If a violation is noted, monitoring reverts to weekly.
  - c) If the permittee reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency in item 2a.

**Recordkeeping:**

The permittee shall document all readings on Attachment A, or its equivalent, noting the following:

- 1) Whether air emissions (except water vapor) remain visible in the ambient air beyond the property line of origin.
- 2) Whether the visible emissions were normal for the installation.
- 3) Whether equipment malfunctions contributed to an exceedance.
- 4) Any violations and any corrective actions undertaken to correct the violation.

<b>10 CSR 10-6.180 Measurement of Emissions of Air Contaminants</b>
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- 1) The Director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The Director may specify testing methods to be used in accordance with good professional practice. The Director may observe the testing. All tests shall be performed by qualified personnel.
- 2) The Director may conduct tests of emissions of air contaminants from any source. Upon request of the Director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- 3) The Director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

**10 CSR 10-2.070 Restriction of Emission of Odors**

**This requirement is not federally enforceable.**

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour.

**10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants**

**Emission Limitation:**

No owner or other person shall cause or permit to be discharged into the atmosphere from any source any visible emissions in excess of the limits specified by this rule. This permit will contain the opacity limits identified (10, 20 or 40 percent) for the specific emission units.

**Monitoring:**

- 1) The permittee shall conduct opacity readings on each emission unit using the procedures contained in U.S. EPA Test Method 22. The permittee is only required to take readings when the emission unit is operating and when the weather conditions allow. If the permittee observes no visible or other significant emissions using these procedures, then no further observations are required. For emission units with visible emissions perceived or believed to exceed the applicable opacity standard, the source representative would then conduct a Method 9 observation.
- 2) The permittee shall conduct monthly observations unless a violation is noted, which will require the following monitoring schedule:
  - a) The permittee shall conduct weekly observations for a minimum of eight (8) consecutive weeks after the violation.
  - b) Should no violation of this regulation be observed during this period then-
    - i) The permittee may observe once every two (2) weeks for a period of eight (8) weeks.
    - ii) If a violation is noted, monitoring reverts to weekly.
    - iii) Should no violation of this regulation be observed during this period then-
      - (1) The permittee may observe once per month.
      - (2) If a violation is noted, monitoring reverts to weekly.
  - c) If the permittee reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency in item 2a.

**Recordkeeping:**

The permittee shall maintain records of all observation results using Attachment B (or equivalent), noting:

- 1) Whether any air emissions (except for water vapor) were visible from the emission units;
- 2) All emission units from which visible emissions occurred;
- 3) Whether the visible emissions were normal for the process;
- 4) The permittee shall maintain records of any equipment malfunctions, which may contribute to visible emissions; and,
- 5) The permittee shall maintain records of all U.S. EPA Method 9 opacity tests performed using Attachment C (or its equivalent).

**10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements**

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the Department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the Department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the Department. Certain business entities that meet the requirements for state-approved exemption status must allow the Department to monitor training classes provided to employees who perform asbestos abatement.

**Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone**

- 1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
  - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
  - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
  - d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
- 2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
  - a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
  - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
  - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
  - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
  - f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- 3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.

- 4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program. *Federal Only - 40 CFR Part 82*

<b>10 CSR 10-6.280 Compliance Monitoring Usage</b>
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- 1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
- a) Monitoring methods outlined in 40 CFR Part 64;
  - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Any other monitoring methods approved by the Director.
- 2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
- a) Monitoring methods outlined in 40 CFR Part 64;
  - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- 3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
- a) Applicable monitoring or testing methods, cited in:
    - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
    - ii) 10 CSR 10-6.040, "Reference Methods";
    - iii) 10 CSR 10-6.070, "New Source Performance Standards";
    - iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
  - b) Other testing, monitoring, or information gathering methods, if approved by the Director, that produce information comparable to that produced by any method listed above.

## IV. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued,

### **10 CSR 10-6.065(6)(C)1.B Permit Duration**

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

### **10 CSR 10-6.065(6)(C)1.C General Record Keeping and Reporting Requirements**

- 1) Record Keeping
  - a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
  - b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources' personnel upon request.
- 2) Reporting
  - a) All reports shall be submitted to the Air Pollution Control Program's Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
  - b) The permittee shall submit a report of all required monitoring by:
    - i) October 1st for monitoring which covers the January through June time period, and
    - ii) April 1st for monitoring which covers the July through December time period.
    - iii) Exception. Monitoring requirements which require reporting more frequently than semi annually shall report no later than 30 days after the end of the calendar quarter in which the measurements were taken.
  - c) Each report shall identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
  - d) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
    - i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7.A of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.

- ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
- iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's quarterly report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.
- e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- f) The permittee may request confidential treatment of information submitted in any report of deviation.

#### **10 CSR 10-6.065(6)(C)1.D Risk Management Plan Under Section 112(r)**

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

- 1) June 21, 1999;
- 2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
- 3) The date on which a regulated substance is first present above a threshold quantity in a process.

#### **10 CSR 10-6.065(6)(C)1.F Severability Clause**

In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

#### **10 CSR 10-6.065(6)(C)1.G General Requirements**

- 1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.
- 2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit
- 3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- 4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
- 5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to

the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(6)(C)1.

#### **10 CSR 10-6.065(6)(C)1.H Incentive Programs Not Requiring Permit Revisions**

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

#### **10 CSR 10-6.065(6)(C)1.I Reasonably Anticipated Operating Scenarios**

None.

#### **10 CSR 10-6.065(6)(C)3 Compliance Requirements**

- 1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
- 2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
  - a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
  - b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
- 3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
  - a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
  - b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- 4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, as well as the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
  - a) The identification of each term or condition of the permit that is the basis of the certification;
  - b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;

- c) Whether compliance was continuous or intermittent;
- d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
- e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

#### **10 CSR 10-6.065(6)(C)6 Permit Shield**

- 1) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
  - a) The application requirements are included and specifically identified in this permit, or
  - b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.
- 2) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
  - a) The provisions of Section 303 of the Act or Section 643.090, RSMo concerning emergency orders,
  - b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
  - c) The applicable requirements of the acid rain program,
  - d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or
  - e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

#### **10 CSR 10-6.065(6)(C)7 Emergency Provisions**

- 1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
  - a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
  - b) That the installation was being operated properly,
  - c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
  - d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
- 2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

#### **10 CSR 10-6.065(6)(C)8 Operational Flexibility**

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable

under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

- 1) Section 502(b)(10) changes. Changes that, under Section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.
  - a) Before making a change under this provision, The permittee shall provide advance written notice to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the Air Pollution Control Program shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the Air Pollution Control Program as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the Air Pollution Control Program as soon as possible after learning of the need to make the change.
  - b) The permit shield shall not apply to these changes.

#### **10 CSR 10-6.065(6)(C)9 Off-Permit Changes**

- 1) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the application, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:
  - a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is subject to any requirements under Title IV of the Act or is a Title I modification;
  - b) The permittee must provide written notice of the change to the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, KS 66101, no later than the next annual emissions report. This notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(6)(B)3. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.
  - c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and

- d) The permit shield shall not apply to these changes.

#### **10 CSR 10-6.020(2)(R)11 Responsible Official**

The application utilized in the preparation of this permit was signed by George F. Morrow, Power and Light Director. On September 15, 2008, the Air Pollution Control Program was informed that E. Leon Daggett, Power & Light Director is now the responsible official. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

#### **10 CSR 10-6.065(6)(E)6 Reopening-Permit for Cause**

This permit may be reopened for cause if:

- 1) The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,
- 2) The Missouri Department of Natural Resources or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,
- 3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
  - a) The permit has a remaining term of less than three years;
  - b) The effective date of the requirement is later than the date on which the permit is due to expire;or
  - c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,
- 4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or
- 5) The Missouri Department of Natural Resources or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

#### **10 CSR 10-6.065(6)(E)1.C Statement of Basis**

This permit is accompanied by a statement setting forth the legal and factual basis for the permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

## **V. Attachments**

Attachments follow.





### Attachment C Method 9 Opacity Emissions Observations

#### EPA METHOD 9 (40 CFR 60 - Appendix A) VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME	
LOCATION	
LOCATION	
CITY	STATE ZIP
PROCESS EQUIPMENT	OPERATING MODE
CONTROL EQUIPMENT	OPERATING MODE
DESCRIBE EMISSION POINT	
HEIGHT OF EMISSION POINT	HEIGHT OF EMISSION POINT RELATIVE TO OBSERVER START END
DISTANCE TO EMISSION POINT	DIRECTION TO EMISSION PT. (DEGREES 0-360) START END
VERTICAL ANGLE TO OBSERVATION POINT	DIRECTION TO OBSERVATION POINT (DEGREES 0-360) START END
DISTANCE & DIRECTION TO OBSERVATION POINT FROM EMISSION POINT START END	
DESCRIBE EMISSIONS	
START END	EMISSION COLOR WATER DROPLET PLUME
START END	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> NONE <input type="checkbox"/>
DESCRIBE PLUME BACKGROUND	
START END	BACKGROUND COLOR SKY CONDITIONS
START END	START END
WIND SPEED	WIND DIRECTION
START END	START END
AMBIENT TEMP	WET BULB TEMP RH percent
START END	

**Source Layout Sketch**

Draw North Arrow  
 TN  MN

X Observation Point

Observer's Position

Sun Location Line

140°

Side View

Stack with Plume

Sun

Wind

ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
------------------	------------	----------

MIN	SEC				COMMENTS
	0	15	30	45	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
16					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

OBSERVER'S NAME (PRINT)	
OBSERVER'S SIGNATURE	DATE
ORGANIZATION	
CERTIFIED BY	DATE

**Attachment D**  
**Emissions of Sulfur Compounds from Indirect Heating Sources**

For Month of \_\_\_\_\_ Year \_\_\_\_\_

Emission Unit	Fuel Usage For Week	Fuel Heat Value	Actual Heat Input	% Sulfur	SO <sub>2</sub> Emission Factor	Factor Source	SO <sub>2</sub> Weekly Emissions	
							Calculated	Limit
EU0020 Boilers (coal) 10100201	tons	Btu/lb	Btu		$38 \times S^1 \times 0.95$ lbs/ton	AP42 Table 1.1-3 <sup>2</sup>	lb/MMBtu	8 lbs/MMBtu

<sup>1</sup>S indicates that the weight % of sulfur in the coal should be multiplied by the value given. For example, if the fuel is 1% sulfur, then S=1

<sup>2</sup>According to AP42 Table 1.1-3, footnote b, 95% of the fuel sulfur is emitted as SO<sub>2</sub>

### Attachment E Opacity Summary Report

<b>PART I.    INSTALLATION INFORMATION</b>			
Name of Company: Address:	Independence Power and Light Missouri City Station		
Report Period: Cer./CEA: (date)                      (Hr) Emission Limit:			
Manufacturer/Model Number  CDs CNTY & SOURCE #'s:	Stack/Process  Emission Point: Pollutant Monitored:		
Total Source Operating Time in Report Period:                      (Min)			
<b>PART II.</b>	<b>CAUSE OF EXCESS EMISSIONS (EE)</b>	<b>Duration of EE (Min            )</b>	<b>Percent of Operating Time</b>
A.	Air Pollution Control Equipment Failure (01)		
B.	Fuel Problem (02)		
C.	Process Problem (03)		
D.	Unknown Cause (Excess Emission) (04)		
E.	Startup (05)		
F.	Soot Blowing (06)		
G.	Other Known Causes (Excess Emission) (07)		
H.	Shutdown (08)		
I.	Total (A + B + ...E)		
<b>Part III</b>	<b>CAUSES OF COMS DOWNTIME</b>	<b>Downtime (Min            )</b>	<b>Percent of Operating Time</b>
A.	Monitor Equipment Malfunction (01)		
B.	Non-monitor Equipment Malfunction (02)		
C.	Quality Assurance (03)		
D.	Other Known Cause (Monitor Malfunction) (04)		
E.	Unknown Cause (Monitor Malfunction) (05)		
F.	Total (A + B + ...E)		
Note: Percent Operating Time = [{EE (min    ) or Downtime (min    )} / Total Operating Time] x 100			

EXCESS OPACITY EMISSION SUMMARY

Source: Independence Power and Light Missouri City Station

Quarter: \_\_\_\_\_ Year: \_\_\_\_\_

Source of Emissions: \_\_\_\_\_

The following information is reported in total time for the entire quarter identified above.

Excess Emission Duration \_\_\_\_\_ (hours)

If duration is other than zero, submit Visible Emission form.

Monitoring System Downtime Due to Quality Assurance \_\_\_\_\_ (hours)

If downtime, not including zero and span calibrations, is other than zero, submit downtime system Downtime form.

Monitoring System Downtime Excluding Downtime Due to Quality Assurance \_\_\_\_\_ (hours)

Source Operating Time \_\_\_\_\_ (hours)

Reported by \_\_\_\_\_

Position Title \_\_\_\_\_

EXCESS EMISSION SUMMARY – VISIBLE EMISSIONS

Source: Independence Power and Light Missouri City Station

Report Period: \_\_\_\_/\_\_\_\_/\_\_\_\_ to \_\_\_\_/\_\_\_\_/\_\_\_\_

Source of Emissions: \_\_\_\_\_

<u>Date</u>	<u>Time</u>	<u>Magnitude</u>	<u>Reason Message</u>
-------------	-------------	------------------	-----------------------

EXCESS EMISSION SUMMARY – OPACITY MONITORING SYSTEM DOWNTIME

Source: Independence Power and Light Missouri City Station

Report Period: \_\_\_\_/\_\_\_\_/\_\_\_\_ to \_\_\_\_/\_\_\_\_/\_\_\_\_

Source of Emissions: \_\_\_\_\_

<u>Date</u>	<u>Time</u>	<u>Duration (D-H-M)</u>	<u>Reason Message</u>
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## STATEMENT OF BASIS

### Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

- 1) Part 70 Operating Permit Application, received 9/19/2002;
- 2) 2008 Emissions Inventory Questionnaire, received 3/9/2009; and
- 3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.

### Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

None.

### Other Air Regulations Determined Not to Apply to the Operating Permit

The Air Pollution Control Program (APCP) has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

#### 10 CSR 10-6.220 *Restriction of Emissions of Visible Air Contaminants*

The rule is not applicable to the Underground Hopper (EP-01) because of 10 CSR 10-6.220(1): Applicability. This rule applies to all sources of visible emissions throughout the state of Missouri with the exception of the following:... (G) Truck dumping of nonmetallic minerals into any screening operation, feed hopper or crusher;...”

The rule also does not apply to the crusher (80 tons/hour) and closed conveyors (EP-01) because they are completely enclosed.

#### 10 CSR 10-2.260 *Control of Petroleum Liquid Storage, Loading and Transfer*

(1) Applicability. This rule shall apply throughout Clay, Jackson and Platte Counties.

... (3) General Provisions

(A) Petroleum Storage Tanks.

1. No owner or operator of petroleum storage tanks shall cause or permit the storage in any stationary storage tank of more than 40,000 gallons capacity of any petroleum liquid having a true vapor pressure of 1.5 pounds per square inch absolute (psia) or greater at 90 degrees Fahrenheit ...

Section (A) is not applicable to the 250,000 gallon #2 fuel oil tank (EP-11) or the 2-500 gallon diesel storage tanks (EP-102) because of a vapor pressure less than 1.5 psia at 90 degrees Fahrenheit.

#### 10 CSR 10-6.100 *Alternate Emission Limits*

This rule is not applicable because the installation is in an ozone attainment area.

10 CSR 10-6.270 *Acid Rain Source Permits Required*

40 CFR Part 72.6 Applicability

... (b) The following types of units are not affected units subject to the requirements of the Acid Rain Program:

... (2) Any unit that commenced commercial operation before November 15, 1990, and that did not, as of November 15, 1990, and does not currently, serve a generator with a nameplate capacity of greater than 25 MWe...

This rule is not applicable because each generator has a nameplate of 19 MWe.

10 CSR 10-6.350 *Emission Limitations and Emissions Trading of Oxides of Nitrogen*

(1) Applicability.

(A) This rule applies to any fossil fuel fired electric generating unit that serves a generator with a nameplate capacity of greater than 25 MW ...

This rule is not applicable because each generator has a nameplate of 19 MWe.

10 CSR 10-6.400 *Restriction of Emission of Particulate Matter from Industrial Processes*

(1) Applicability.

...(B) The provisions of this rule shall not apply to the following:

...12. The grinding, crushing and conveying operations at a power plant.

This rule does not apply to the crusher (80 tons/hour) and closed conveyors EP-01.

10 CSR 10-6.400(2)(A) excludes "...liquids and gases used solely as fuels...", so it is not applicable to the engine driven pump EP-53.

**Construction Permit Revisions**

No construction permits have been issued for this facility.

**New Source Performance Standards (NSPS) Applicability**

40 CFR Part 60-Subparts D, Da, Db *Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units*

None of the subparts apply because the boilers have not been modified since put into service in 1954.

40 CFR Part 60-Subparts K, Ka, and Kb *Standards of Performance for Storage Vessels for Petroleum Liquids*

The following emission points (EP-11, EP-102) are considered exempt because of exempt petroleum liquid (#2 fuel oil) or size.

40 CFR Part 60-Subpart Y, *Standards of Performance for Coal Preparation Plants*

This subpart does not apply to EP-01 because the coal preparation facilities were constructed before October 24, 1974 and have not been modified since.

40 CFR Part 60-Subpart OOO, *Standards of Performance for Nonmetallic Mineral Processing Plants*

This subpart does not apply to EP-01 because the coal preparation facilities were constructed before August 31, 1983 and have not been modified since.

40 CFR Part 60-Subpart HHHH-*Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units*

Any stationary, coal-fired boiler or stationary, coal-fired combustion turbine serving at any time, since the later of November 15, 1990, or the start-up of the unit's combustion chamber, a generator with nameplate capacity of more than 25 MWe producing electricity for sale.

This subpart does not apply since the nameplate capacity of each of the generators at this facility is less than 25 MWe.

40 CFR Part 60-Subpart IIII, *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*

This subpart does not apply to EP-53, 121 Horsepower Engine Driven Pump, because the unit was not installed after July 11, 2005.

**Maximum Available Control Technology (MACT) Applicability**

40 CFR Part 63-Subpart ZZZZ-*National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*

This subpart does not apply to EP-53, 121 Horsepower Engine Driven Pump, because the power is less than 500 brake horsepower.

40 CFR Part 63-Subpart DDDDD-*National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters*

This subpart has been vacated by court action.

40 CFR Part 63-Subpart YYYY-*Combustion Turbines*

The facility does not have any Combustion Turbines.

**National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability**

40 CFR Part 61, Subpart M *National Emission Standard for Asbestos* was listed as applicable in the operating permit application and is included in the Core Permit Requirements.

**Compliance Assurance Monitoring (CAM) Applicability**

40 CFR Part 64, *Compliance Assurance Monitoring (CAM)*

The CAM rule applies to each pollutant specific emission unit that:

- Is subject to an emission limitation or standard, and
- Uses a control device to achieve compliance, and
- Has pre-control emissions that exceed or are equivalent to the major source threshold.

EU0020 Stack for Boiler #1 and #2, Coal and Fuel is subject to CAM.

**Other Regulatory Determinations**

10 CSR 10-2.210 Control of Emissions from Solvent Metal Cleaning

This regulation does not apply because the former emission point EP-54 30 gallon Zep DynaClean Degreasing unit (a VOC emitting cleaning solution) has been replaced by a Safety Kleen's Aqueous AQ-1 Parts Washer which uses soap and water.

10 CSR 10-6.061(3)(A) Exempt Emission Units, 2.BB “Internal combustion engines and gas turbine driven compressors, electric generator sets, and water pumps, used only for portable or emergency services, provided that the maximum annual operating hours shall not exceed five hundred hours...”

The engine drive fire pump EP-53 is an exempt emission unit and therefore listed as an emission unit without specific limitations.

10 CSR 10-6.260 *Restriction of Emission of Sulfur Compounds*, (3) General Provisions, (C) Restriction of Emission of Sulfur Dioxide from Indirect Heating Sources.

2. Indirect heating sources located in Missouri, other than in Franklin, Jefferson, St. Louis, St. Charles Counties or city of St. Louis.
  - A. No person shall cause or allow emissions of sulfur dioxide into the atmosphere from any indirect heating source in excess of 8 pounds of sulfur dioxide per million Btus actual heat input averaged on any consecutive three hour time period...

No fuel usage recordkeeping, related to SO<sub>2</sub> is required for fuel oil used in either the EU0020 stack or EU0030 heating boiler because the pounds of SO<sub>2</sub> per million Btu's of fuel oil is only 0.0561 compared to the limit of 8 pounds per million Btu's.

$$\left( \frac{7.85 \text{ lb } SO_2}{1000 \text{ gal}} \right)_1 \times \left( \frac{\text{gal}}{0.140 \text{ MMBtu}} \right)_5 = 0.0561 \frac{\text{lbs } SO_2}{\text{MMBtu}}$$

<sup>1</sup>AP42 SO<sub>2</sub> emission factor, Table 3.3-1, is 157\*0.05% sulfur = 7.85 lb SO<sub>2</sub>/1000 gal for SCC 1-01-005-01

<sup>5</sup>AP42, Appendix A,8 Distillate Oil

10 CSR 10-2.040 *Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating*:

(2) Maximum Allowable Particulate Emission Rate (ER) from Existing Indirect (prior to February 15, 1979) Heating Sources

(A) The total heat input of all existing indirect heating sources within an installation shall be used to determine the maximum allowable particulate ER, which is to be applied to each existing indirect heating source within the installation. After that, each indirect heating source within the installation shall be tested and considered independently for compliance with this rule.

(B) Emission Limitations

1. The maximum allowable particulate ER for an installation of existing indirect heating sources with a heat input rate equal to or greater than ten million Btus per hour and less than or equal to ten million Btus per hour shall be 0.60 pounds per million input.
2. The maximum allowable particulate ER for an installation of existing indirect heating sources with a heat input rate equal to or greater than ten million Btus per hour and less than or equal to five thousand million Btus per hour shall be determined by the following equation:

$$E = 1.09 \times Q^{-0.259}$$

Indirect Heating Source	Heat Input (MMBtu/hr)
1954 Boiler #1	265
1954 Boiler #2	265
1978 Heating Boiler	8.37
TOTAL	538.37

$$E = 1.09 \times (538.37)^{-0.259} = 0.21 \text{ pounds of particulate per million Btu}$$

The previous operating permit 047-0096-0001 limited EU0020 to 0.86 pounds of particulate matter per million Btu of heat input. As shown above, the limit should have been 0.21 pound per million Btu based on a total heat input of 538.37 MMBtu/hr.

**Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis**

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the Air Pollution Control Program's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the Air Pollution Control Program a schedule for achieving compliance for that regulation(s).

Prepared by:

---

Paul Kochan  
Environmental Engineer

CERTIFIED MAIL: 70073020000315696391  
RETURN RECEIPT REQUESTED

Mr. E. Leon Daggett  
Independence Power & Light - Missouri City Station  
P.O. Box 1019  
Independence, MO 64051

Re: Independence Power & Light - Missouri City Station, 047-0096  
Permit Number: OP2010-020

Dear Mr. Daggett:

Enclosed with this letter is your Part 70 operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

You may appeal this permit to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you have any questions or need additional information regarding this permit, please do not hesitate to contact Paul Kochan with the Kansas City Regional Office, 500 NE Colbern Rd., Lee's Summit, MO 63125, or by phone at (816) 622-7000. You may also contact the Department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

**AIR POLLUTION CONTROL PROGRAM**

Michael J. Stansfield, P.E.  
Operating Permit Unit Chief

MJS:pkk

Enclosures

c: Ms. Tamara Freeman, U.S. EPA Region VII  
Kansas City Regional Office  
PAMS File: 2002-09-112