APPENDIX F
WELL ASSESSMENT REPORT

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Remedial Investigation

Baseline Groundwater Well Assessment
Well Inspection Reports

Prepared for:

Westinghouse Electric Company
Hematite Facility
3300 State Road P
Festus, MO 63028

Prepared by:

Science Applications International Corporation
8421 St. John Industrial Drive
St. Louis, MO 63114

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WESTINGHOUSE HEMATITE REMEDIAL INVESTIGATION
BASELINE GROUNDWATER ASSESSMENT MONITORING WELL INSPECTION

Well Designation	Date Installed	Well Construction Material	Well Casing Diameter (inches O.D.)	Coordinates (MO State Plane NAD83) Northing/Easting		Top of Casing Elevation (feet AMSL)	Surface Elevation (feet AMSL)	Top of Pad Elevation (feet AMSL)	Bottom of Well Elevation (feet AMSL)	Depth of Well (feet BTOC)	Screen Length (feet)	Screen Interval (feet BGS)	Hydrostratigraphic Zone Monitored
WS-7	Unknown	PVC	4	864565.427	827291.600	432.098	432.182	432.352	413.008	19.09	13.1	6.0 - 19.1	Unconsolidated
WS-8	Unknown	PVC	4	864525.130	827434.856	433.489	431.571	431.626	415.669	17.82	12.6	3.3 - 15.9	Unconsolidated
WS-9	Unknown	PVC	4	864406.938	827302.683	432.690	431.805	432.707	405.720	26.97	21.0	4.9 - 25.9	Unconsolidated
WS-14	Unknown	PVC	2	864942.682	827678.920	435.542	433.534	433.689	410.622	24.92	10.0	13.1 - 23.1	Unconsolidated
WS-15	Unknown	PVC	2	865099.807	827623.158	432.699	430.465	430.685	406.319	26.38	10.0	14.2 - 24.2	Unconsolidated
WS-16	Unknown	PVC	2	865005.102	827834.839	432.158	430.191	430.298	409.978	22.18	10.0	10.3 - 20.3	Unconsolidated
WS-17B	06/26/96	PVC	2	864810.010	827553.822	435.321	433.304	433.533	417.171	18.15	13.0	7.0 - 20.0	Unconsolidated
WS-22	09/24/98	PVC	2	865303.641	827216.171	440.932	438.238	438.369	421.762	19.17	5.0	10.5 - 15.5	NSSSC/Unconsolidated
WS-23	09/24/98	PVC	2	865300.148	827219.760	440.969	438.230	438.461	399.739	41.23	10.0	28.5 - 38.5	DSCC/Unconsolidated
WS-24	09/23/98	PVC	2	865365.843	827403.397	439.521	436.599	436.804	419.891	19.63	10.0	5.5 - 15.5	NSSSC/Unconsolidated
WS-25	09/23/98	PVC	2	865368.538	827398.207	439.090	436.553	436.826	399.530	39.56	10.0	28.4 - 38.4	DSCC/Unconsolidated
WS-26	09/28/98	PVC	2	865104.940	827670.681	433.530	430.724	430.870	415.280	18.25	10.0	5.0 - 15.0	NSSSC/Unconsolidated
WS-27	09/28/98	PVC	2	865109.025	827662.626	433.486	430.643	431.013	398.336	35.15	10.0	21.8 - 31.8	DSCC/Unconsolidated
WS-28	09/25/98	PVC	2	865037.219	827867.373	428.557	425.575	425.864	409.867	18.69	10.0	6.5 - 16.5	NSSSC/Unconsolidated
WS-29	09/25/98	PVC	2	865041.262	827870.790	428.124	425.129	425.515	397.484	30.64	7.0	20.4 - 27.4	DSCC/Unconsolidated
WS-30	10/15/98	PVC	2	865041.273	827862.686	428.189	425.383	425.674	376.119	52.07	10.0	38.9 - 48.9	Jefferson City - Cotter Dolomite
WS-31	10/13/98	PVC	2	865045.126	827867.304	427.545	424.886	425.160	343.475	84.07	10.0	71.3 - 81.3	Jefferson City - Cotter Dolomite
WS-32	09/30/98	PVC	2	Not Available	Not Available	*436.11	*433.20	Not Available	*397.33	38.78	5.0	30.8 - 35.8	DSCC/Unconsolidated
WS-34	09/21/98	PVC	2	Not Available	Not Available	*436.96	*434.21	Not Available	*399.16	37.80	10.0	7.6 - 17.6	DSCC/Unconsolidated
PZ-3	10/13/98	PVC	2	Not Available	Not Available	*435.85	*433.23	Not Available	*372.24	63.61	10.0	25.6 - 35.6	Jefferson City - Cotter Dolomite
PZ-4	10/13/98	PVC	2	865284.792	827225.521	440.543	438.158	438.254	378.663	61.88	10.0	49.3 - 59.3	Jefferson City - Cotter Dolomite
OB-1	05/15/02	PVC	2	863749.529	826667.871	429.636	426.610	426.787	400.466	29.17	16.0	10.0 - 26.2	Terrace/Unconsolidated
OB-2	05/28/02	PVC	2	865862.215	830379.841	430.470	427.776	427.957	390.660	39.81	27.0	10.0 - 37.0	Terrace/Unconsolidated
BR1-JC	06/06/02	PVC	1	864374.559	826534.913	441.870	439.242	439.201	332.080	109.79	10.0	97.0 - 107.0	Jefferson City - Cotter Dolomite
BR1-RB	07/24/02	PVC	2	864407.126	826497.893	442.489	439.703	440.019	274.889	167.60	40.0	125.0 - 165.0	Roubidoux Formation
BR2-JC	07/23/02	PVC	1	865552.903	830590.896	431.169	428.364	428.756	313.479	117.69	5.0	105.0 - 115.0	Jefferson City - Cotter Dolomite
BR2-RB	07/24/02	PVC	2	865532.163	830550.398	431.374	427.978	428.178	93.104	338.27	40.0	295.0 - 335.0	Roubidoux Formation
BR3-OB	07/23/02	PVC	2	863910.175	828167.015	421.630	418.663	418.887	394.260	27.37	11.0	13.2 - 24.3	Fluvial/Unconsolidated
BR3-RB	07/24/02	PVC	2	863886.933	828116.706	420.688	417.894	418.430	228.078	192.61	40.0	150.0 - 190.0	Roubidoux Formation
BR4-JC	07/24/02	PVC	2	865741.874	828010.390	434.271	431.799	432.158	326.871	107.40	10.0	95.0 - 105.0	Jefferson City - Cotter Dolomite
BR4-RB	07/24/02	PVC	2	865780.532	828097.050	434.731	431.726	432.110	191.751	242.98	40.0	200.0 - 240.0	Roubidoux Formation

Not Available implies that wells were not relocated during Remedial Investigation Survey phase

* Elevations obtained from Remedial Investigation/Feasibility Study Work Plan Table 5

Westinghouse Electric Company
Hematite Facility

Well Inspection Report

Well Number:	Date Installed:	Project Number:
WS-7	Unknown	SAHEM00136
Coordinates (MO State Plane NAD83): Northing/Easting		**Elevation (TOC):**
N 864565.427	E 827291.600	432.10
Total Depth (feet BTOC):	**Riser Height (feet above pad):**	**Water Level (feet BTOC):**
19.09	-0.25	6.34
Well Construction Material:	**Well Casing Diameter (inches):**	**Screen Length (feet):**
PVC	4	13.1
Hydrostratigraphic Zone:	**Inspected By:**	**Date Inspected:**
Unconsolidated	R. Tubbs	8/13/2004

Visual Observations:

- Well condition noted as good
- Flush mount casing and cap with T-handle opening
- Well pad construction – 12 inch round
- No guard posts in place
- Water-tight lockable cap in place with dedicated bailer
- Well needs numbering/labeling
- Rehabilitation not required