Westinghouse Electric Company
Hematite Decommissioning Project
3300 State Road P
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USA

U.S. Nuclear Regulatory Commission - Region III
Attn: Eugenio A. Bonano, NRC Region III/DNMS/DB
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Direct tel: 314-810-3368
Direct fax: 636-937-6380
E-mail: hackmaek@westinghouse.com
Our ref: HEM-08-81
Date: September 9, 2008

Subject: Retransmitting Radiochemistry Data and Figure Illustrating the Sampling Locations During NRC Inspection IR-070-00036/08-001

Reference: Westinghouse Electric Company LLC Letter, HEM-08-78, Request for Radiochemistry Data and Figure Illustrating the Sampling Locations During NRC Inspection IR-070-00036/08-001, dated August 8, 2008.

Dear Mr. Bonano,

This letter supersedes Westinghouse Hematite letter HEM-08-78, "Request for Radiochemistry Data and Figure Illustrating the Sampling Locations During NRC Inspection IR-070-00036/08-001," (dated August 8, 2008) to correct the page numbering on Attachment 1. No other changes have been made to the information.

As requested during the NRC Inspection (IR-070-00036/08-001) of the Westinghouse Electric Company (WEC) Hematite Decommissioning Project, I am enclosing a tabular summary of the radiochemistry data, and figures illustrating the locations of the soil samples collected within the proposed rail spur area.

This information is provided to enable ORISE to select samples for subsequent radiochemistry analysis, and to support evaluation of the adequacy of the WEC survey and sampling activities. Upon selection of samples, WEC can arrange shipment to the specified laboratory, and provide you with a copy of the associated chain of custody record.

Please do not hesitate to contact Gerry Rood of my staff at 314-810-3382 in the event that you have questions, or need any additional information.

Sincerely,

E. Kurt Hackmann
Director, Hematite Decommissioning Project

Attachments

1. Analytical Data for Samples Collected From Proposed Rail Spur
2. SU1 Sample Locations for Proposed Rail Spur
3. SU2 Sample Locations for Proposed Rail Spur

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cc: J. J. Hayes, NRC/FSME/DWMEP/DURLD
G. M. McCann, NRC Region III/DNMS/DB
C. Lipa, NRC Region III/DNMS/DB
R. Tadesse, NRC/FSME/DWMEP/DURLD

ANALYTICAL DATA
FOR
SAMPLES COLLECTED FROM PROPOSED RAIL SPUR

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 1 Page 1 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-1-SYS-1-SO-1	0.7	0.0	0.2	1.0	0.6	0.8	0.7	0.5	N/A	0.1	0.5
FS-19-1-SYS-1-SO-2	1.1	0.0	0.1	2.0	0.9	-0.1	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-1-SO-3	1.2	0.0	0.2	-0.2	1.2	0.3	1.2	1.7	N/A	0.1	1.7
FS-19-1-SYS-2-SO-1	0.7	0.0	0.0	1.2	0.7	3.0	0.7	0.6	N/A	0.1	0.6
FS-19-1-SYS-2-SO-2	1.1	0.0	0.0	1.2	1.2	0.3	1.1	1.6	N/A	0.1	1.6
FS-19-1-SYS-2-SO-3	1.0	0.0	0.0	2.9	1.0	1.1	1.0	2.5	N/A	0.1	2.5
FS-19-1-SYS-3-SO-1	0.5	0.0	0.1	2.7	0.9	17.1	0.5	1.2	N/A	0.1	1.2
FS-19-1-SYS-3-SO-2	1.2	0.0	0.0	3.7	1.1	0.4	1.2	1.3	N/A	0.1	1.3
FS-19-1-SYS-3-SO-3	1.2	0.0	0.0	3.5	1.1	0.4	1.2	1.9	N/A	0.1	1.9
FS-19-1-SYS-4-SO-1	0.9	0.0	0.0	0.9	0.9	24.4	0.9	2.5	N/A	0.5	2.5
FS-19-1-SYS-4-SO-2	0.9	0.0	0.0	1.6	1.1	5.9	0.9	1.6	N/A	0.1	1.6
FS-19-1-SYS-4-SO-3	1.1	0.0	0.5	3.7	1.2	1.8	1.1	1.1	N/A	0.1	1.1
FS-19-1-SYS-5-SO-1	0.5	0.0	0.0	1.0	0.5	11.9	0.5	0.9	N/A	0.1	0.9
FS-19-1-SYS-5-SO-2	1.2	0.0	0.0	5.7	1.1	3.8	1.2	1.8	N/A	0.1	1.8
FS-19-1-SYS-5-SO-3	1.3	0.0	0.0	1.2	1.0	1.2	1.3	1.7	N/A	0.1	1.7
FS-19-1-SYS-6-SO-1	1.2	0.0	0.2	2.6	1.0	34.0	1.2	3.4	N/A	1.0	3.4
FS-19-1-SYS-6-SO-2	1.1	0.0	0.0	0.5	1.1	6.0	1.1	1.5	N/A	0.1	1.5
FS-19-1-SYS-6-SO-3	1.2	0.0	0.0	5.7	1.1	2.6	1.2	1.1	N/A	0.1	1.1
FS-19-1-SYS-7-SO-1	0.4	0.0	0.0	1.1	0.6	16.6	0.4	0.6	N/A	0.1	0.6
FS-19-1-SYS-7-SO-2	1.4	0.0	0.0	0.4	1.2	1.2	1.4	2.1	N/A	0.1	2.1
FS-19-1-SYS-7-SO-3	1.1	0.0	0.4	0.0	1.1	0.3	1.1	1.7	N/A	0.1	1.7
FS-19-1-SYS-8-SO-1	0.6	0.0	0.0	1.1	0.8	2.2	0.6	2.1	N/A	0.1	2.1
FS-19-1-SYS-8-SO-2	1.1	0.0	0.0	2.3	1.1	0.5	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-8-SO-3	1.3	0.0	0.4	2.1	1.2	1.2	1.3	1.7	N/A	0.0	1.7
FS-19-1-SYS-9-SO-1	0.6	0.0	0.1	3.7	0.7	2.9	0.6	1.3	N/A	0.1	1.3
FS-19-1-SYS-9-SO-2	0.9	0.0	0.0	3.8	1.0	0.9	0.9	1.1	N/A	0.1	1.1
FS-19-1-SYS-9-SO-3	1.1	0.0	0.0	1.9	1.0	0.0	1.1	1.1	N/A	0.1	1.1
FS-19-1-SYS-10-SO-1	1.0	0.0	0.1	2.3	0.9	1.3	1.0	1.2	N/A	0.3	1.2
FS-19-1-SYS-10-SO-2	1.2	0.0	0.0	6.4	1.3	1.2	1.2	1.6	N/A	0.1	1.6
FS-19-1-SYS-10-SO-3	1.2	0.0	0.0	3.1	1.1	0.7	1.2	1.8	N/A	0.0	1.8
FS-19-1-SYS-11-SO-1	0.4	0.0	0.0	1.8	0.8	3.9	0.4	1.4	N/A	0.1	1.4
FS-19-1-SYS-11-SO-2	1.1	0.0	0.5	-0.2	1.0	0.4	1.1	1.4	N/A	0.1	1.4
FS-19-1-SYS-11-SO-3	1.0	0.1	0.0	0.2	1.0	-0.1	1.0	1.6	N/A	0.1	1.6
FS-19-1-SYS-12-SO-1	0.9	0.0	0.3	10.1	0.9	27.0	0.9	8.0	N/A	2.1	8.0
FS-19-1-SYS-12-SO-2	1.2	0.0	0.0	1.5	1.2	3.0	1.2	2.3	N/A	0.3	2.3
FS-19-1-SYS-12-SO-3	1.1	0.0	0.0	0.0	1.1	49.5	1.1	2.0	N/A	0.1	2.0
FS-19-1-SYS-13-SO-1	0.7	0.0	0.0	5.0	0.9	32.8	0.7	5.8	N/A	1.7	5.8
FS-19-1-SYS-13-SO-2	1.2	0.0	0.0	2.5	1.1	1.6	1.2	1.4	N/A	0.2	1.4
FS-19-1-SYS-13-SO-3	1.1	0.0	0.0	0.0	1.0	0.6	1.1	0.9	N/A	0.1	0.9
FS-19-1-SYS-14-SO-1	0.8	0.0	0.3	1.5	0.8	1.8	0.8	1.4	N/A	0.1	1.4
FS-19-1-SYS-14-SO-2	1.1	0.0	0.0	0.6	1.1	0.5	1.1	1.6	N/A	0.1	1.6
FS-19-1-SYS-14-SO-3	1.1	0.0	0.3	5.7	1.1	0.3	1.1	1.9	N/A	0.0	1.9
FS-19-1-SYS-15-SO-1	0.6	0.0	0.0	1.2	0.7	0.7	0.6	1.1	2.8	0.1	1.1
FS-19-1-SYS-15-SO-2	0.7	0.0	0.0	3.4	0.8	-0.4	0.7	1.1	1.1	0.1	1.1
FS-19-1-SYS-15-SO-3	1.1	0.0	0.0	0.0	1.1	-0.1	1.1	1.4	1.7	0.1	1.4
FS-19-1-SYS-16-SO-1	0.5	-0.1	0.0	14.8	0.9	21.2	0.5	17.7	N/A	5.5	17.7
FS-19-1-SYS-16-SO-2	1.1	0.0	0.0	4.7	1.1	3.8	1.1	2.8	N/A	0.7	2.8
FS-19-1-SYS-16-SO-3	1.1	0.0	0.0	0.8	1.1	0.4	1.1	0.8	N/A	0.1	0.8
FS-19-1-SYS-17-SO-1	0.5	0.0	0.0	1.4	0.6	4.6	0.5	2.0	N/A	0.4	2.0
FS-19-1-SYS-17-SO-2	1.2	0.0	0.3	2.7	0.8	1.1	1.2	1.5	N/A	0.1	1.5
FS-19-1-SYS-17-SO-3	1.0	0.0	0.0	3.1	1.0	0.4	1.0	2.1	N/A	0.1	2.1
FS-19-1-SYS-18-SO-1	0.9	0.0	0.0	2.2	0.8	4.0	0.9	1.3	N/A	0.3	1.3
FS-19-1-SYS-18-SO-2	1.1	0.0	0.0	2.7	0.9	0.3	1.1	1.2	N/A	0.1	1.2
FS-19-1-SYS-18-SO-3	1.2	0.0	0.3	2.1	1.1	0.1	1.2	1.2	N/A	0.0	1.2
FS-19-1-SYS-19-SO-1	0.2	0.0	0.0	1.5	0.4	13.1	0.2	1.8	15.1	0.5	1.8
FS-19-1-SYS-19-SO-2	1.0	0.0	0.0	5.5	0.9	0.3	1.0	2.1	4.9	0.2	2.1

Attachment 1
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Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 1 Page 2 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-1-SYS-19-SO-3	1.2	0.0	0.0	4.9	0.9	3.7	1.2	2.0	1.5	0.1	2.0
FS-19-1-SYS-20-SO-1	0.6	0.0	0.2	2.2	0.7	9.7	0.6	1.7	***N/A***	0.4	1.7
FS-19-1-SYS-20-SO-2	1.2	0.0	0.5	-0.2	0.9	3.1	1.2	2.5	***N/A***	0.6	2.5
FS-19-1-SYS-20-SO-3	1.6	0.0	0.0	2.3	1.2	0.0	1.6	1.2	***N/A***	0.2	1.2
FS-19-1-SYS-21-SO-1	0.6	0.0	0.3	-0.1	0.7	2.1	0.6	1.2	***N/A***	0.1	1.2
FS-19-1-SYS-21-SO-2	1.1	0.0	0.0	1.0	0.9	-0.1	1.1	1.8	***N/A***	0.0	1.8
FS-19-1-SYS-21-SO-3	1.0	0.0	0.4	5.6	0.7	0.0	1.0	1.4	***N/A***	0.1	1.4
FS-19-1-SYS-22-SO-1	0.6	0.0	0.0	1.2	0.7	3.0	0.6	0.4	***N/A***	0.1	0.4
FS-19-1-SYS-22-SO-2	1.0	0.0	0.0	2.3	0.8	0.1	1.0	1.4	***N/A***	0.1	1.4
FS-19-1-SYS-22-SO-3	1.2	0.0	0.4	2.2	0.9	-0.1	1.2	1.9	***N/A***	0.1	1.9
FS-19-1-BIA-1-SO-1	1.0	0.0	0.0	29.5	1.0	34.6	1.0	28.7	193.0	7.5	28.7
FS-19-1-BIA-1-SO-2	1.1	0.0	0.0	1.8	1.0	1.8	1.1	1.8	10.5	0.4	1.8
FS-19-1-BIA-1-SO-3	1.0	0.0	0.0	2.4	1.1	0.4	1.0	2.1	1.3	0.1	2.1
FS-19-1-BIA-2-SO-1	1.0	0.0	0.0	24.3	1.0	11.5	1.0	18.5	67.0	5.8	18.5
FS-19-1-BIA-2-SO-2	0.9	0.0	0.1	0.6	1.0	0.9	0.9	1.1	4.0	0.2	1.1
FS-19-1-BIA-2-SO-3	1.0	0.0	0.0	2.2	1.0	1.4	1.0	1.4	1.0	0.1	1.4
FS-19-1-BIA-3-SO-1	5.6	-0.1	0.0	613.0	0.6	82.0	5.6	464.0	4070.0	213.0	464.0
FS-19-1-BIA-3-SO-2	1.0	0.0	0.0	5.4	0.9	0.9	1.0	4.7	42.6	1.0	4.7
FS-19-1-BIA-3-SO-3	1.3	0.0	0.0	0.1	1.1	0.5	1.3	2.7	8.1	0.6	2.7
FS-19-1-BIA-4-SO-1	0.5	0.0	0.0	37.3	0.6	33.2	0.5	30.2	230.0	7.1	30.2
FS-19-1-BIA-4-SO-2	1.1	0.0	0.2	0.0	1.0	2.5	1.1	2.6	10.9	0.3	2.6
FS-19-1-BIA-4-SO-3	1.3	0.0	0.1	0.0	1.1	0.6	1.3	2.8	1.5	0.1	2.8
FS-19-1-BIA-5-SO-1	3.9	-0.1	0.0	85.3	0.8	31.7	3.9	66.0	1320.0	27.9	66.0
FS-19-1-BIA-5-SO-2	1.2	0.0	0.4	5.5	1.0	1.0	1.2	4.6	36.6	1.2	4.6
FS-19-1-BIA-5-SO-3	1.2	0.0	0.1	1.0	1.1	1.2	1.2	0.8	2.4	0.1	0.8

NOTES:

1. Results reported in units of pico-Curies per gram (pCi/g)

2. *N/A* = Not analyzed by alpha spectroscopy

3. Encrypted Information for Sample Identification:
   - FS= Final Status Survey (supporting data for potential future use in this instance)
   - 19= Area of Concern
   - 1 or 2= Survey Package Number
   - SYS 1 - 22= Systematic Sampling Location
   - BIA 1 - 5 (SU1 only)= Biased Sampling Location
   - SO= Soil matrix
   - 1, 2, or 3= Depth Below Surface: 1 = 0 - 0.15m / 2 = 0.15 - 1.5m / 3 = >1.5m

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 2 Page 1 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-2-SYS-01-SO-1	1.3	0.0	0.3	-0.4	1.1	0.2	1.3	1.9	***N/A***	0.1	1.9
FS-19-2-SYS-01-SO-2	1.2	0.0	0.0	2.2	0.9	-0.1	1.2	1.2	***N/A***	0.1	1.2
FS-19-2-SYS-01-SO-3	1.0	0.0	0.0	0.9	1.0	0.1	1.0	0.9	***N/A***	0.1	0.9
FS-19-2-SYS-02-SO-1	1.0	0.0	0.0	2.2	1.0	0.4	1.0	1.4	***N/A***	0.1	1.4
FS-19-2-SYS-02-SO-2	1.3	0.0	0.0	1.5	1.1	0.1	1.3	1.0	***N/A***	0.1	1.0
FS-19-2-SYS-02-SO-3	0.8	0.0	0.6	2.4	0.9	0.1	0.8	1.3	***N/A***	0.1	1.3
FS-19-2-SYS-03-SO-1	1.0	0.0	0.3	0.9	1.0	-0.1	1.0	1.4	***N/A***	0.1	1.4
FS-19-2-SYS-03-SO-2	1.1	0.0	0.1	-0.2	1.2	0.0	1.1	1.8	***N/A***	0.1	1.8
FS-19-2-SYS-03-SO-3	1.0	0.0	0.0	0.8	0.9	0.0	1.0	1.6	***N/A***	0.0	1.6
FS-19-2-SYS-04-SO-1	0.9	0.0	0.3	3.3	1.1	0.3	0.9	1.6	***N/A***	0.1	1.6
FS-19-2-SYS-04-SO-2	1.3	0.0	0.3	0.5	1.0	0.1	1.3	2.2	***N/A***	0.1	2.2
FS-19-2-SYS-04-SO-3	0.9	0.0	0.0	2.3	1.0	0.1	0.9	1.8	***N/A***	0.0	1.8
FS-19-2-SYS-05-SO-1	1.2	0.0	0.0	0.7	1.0	0.1	1.2	1.7	***N/A***	0.1	1.7
FS-19-2-SYS-05-SO-2	1.1	0.0	0.3	-0.3	1.1	0.1	1.1	2.0	***N/A***	0.1	2.0
FS-19-2-SYS-05-SO-3	1.2	0.0	0.0	1.7	1.1	-0.2	1.2	1.6	***N/A***	-0.1	1.6
FS-19-2-SYS-06-SO-1	0.7	0.0	0.1	0.0	0.9	0.1	0.7	1.4	***N/A***	0.1	1.4
FS-19-2-SYS-06-SO-2	1.1	0.0	0.0	1.8	1.0	0.1	1.1	0.9	***N/A***	0.1	0.9
FS-19-2-SYS-06-SO-3	1.0	0.0	0.0	0.8	0.9	-0.6	1.0	1.7	***N/A***	0.1	1.7
FS-19-2-SYS-7-SO-1	1.0	0.0	0.0	2.6	1.0	0.2	1.0	1.4	***N/A***	0.2	1.4
FS-19-2-SYS-7-SO-2	0.9	0.0	0.0	0.0	0.9	-0.1	0.9	0.9	***N/A***	0.1	0.9
FS-19-2-SYS-7-SO-3	1.0	0.0	0.4	5.4	1.0	0.1	1.0	1.4	***N/A***	0.1	1.4
FS-19-2-SYS-8-SO-1	1.1	0.0	0.0	1.7	0.9	0.3	1.1	1.0	***N/A***	0.1	1.0
FS-19-2-SYS-8-SO-2	1.3	0.0	0.2	2.8	0.9	-0.1	1.3	1.6	***N/A***	0.1	1.6
FS-19-2-SYS-8-SO-3	1.2	0.0	0.0	0.5	1.1	0.0	1.2	1.2	***N/A***	0.0	1.2
FS-19-2-SYS-09-SO-1	0.5	0.0	0.0	2.1	0.7	0.0	0.5	0.6	***N/A***	0.1	0.6
FS-19-2-SYS-09-SO-2	0.9	0.0	0.0	2.1	0.8	0.0	0.9	1.2	***N/A***	0.1	1.2
FS-19-2-SYS-09-SO-3	1.0	0.0	0.3	1.6	1.1	-0.3	1.0	1.3	***N/A***	0.1	1.3
FS-19-2-SYS-10-SO-1	1.0	0.0	0.0	2.4	1.0	0.0	1.0	1.6	***N/A***	0.1	1.6
FS-19-2-SYS-10-SO-2	1.3	0.0	0.4	0.0	1.1	-0.2	1.3	1.7	***N/A***	0.1	1.7
FS-19-2-SYS-10-SO-3	1.2	0.0	0.5	4.9	1.1	-0.1	1.2	1.9	***N/A***	0.1	1.9
FS-19-2-SYS-11-SO-1	0.9	0.0	0.0	1.1	1.1	0.5	0.9	2.0	***N/A***	0.1	2.0
FS-19-2-SYS-11-SO-2	1.2	0.0	0.1	1.4	1.1	0.0	1.2	1.6	***N/A***	0.1	1.6
FS-19-2-SYS-11-SO-3	1.2	0.0	0.0	0.2	1.0	0.1	1.2	1.0	***N/A***	0.1	1.0
FS-19-2-SYS-12-SO-1	0.6	0.0	0.0	1.4	0.7	0.1	0.6	0.9	***N/A***	0.1	0.9
FS-19-2-SYS-12-SO-2	1.0	0.0	0.0	0.3	0.9	-0.3	1.0	1.1	***N/A***	0.1	1.1
FS-19-2-SYS-12-SO-3	1.1	0.0	0.0	0.8	1.0	-0.4	1.1	2.1	***N/A***	0.1	2.1
FS-19-2-SYS-13-SO-1	1.0	0.0	0.3	0.7	1.0	0.3	1.0	2.1	***N/A***	0.1	2.1
FS-19-2-SYS-13-SO-2	1.1	0.0	0.0	1.6	1.0	0.0	1.1	1.1	***N/A***	0.1	1.1
FS-19-2-SYS-13-SO-3	1.2	0.0	0.0	-0.2	1.0	0.1	1.2	1.1	***N/A***	0.1	1.1
FS-19-2-SYS-14-SO-1	0.7	0.0	0.0	2.5	0.9	1.4	0.7	1.4	***N/A***	0.2	1.4
FS-19-2-SYS-14-SO-2	1.1	0.0	0.0	1.2	0.9	-0.2	1.1	1.0	***N/A***	0.1	1.0
FS-19-2-SYS-14-SO-3	1.1	0.0	0.9	2.2	1.0	-0.1	1.1	2.1	***N/A***	0.1	2.1
FS-19-2-SYS-15-SO-1	0.3	0.0	0.1	1.1	0.6	0.0	0.3	0.8	***N/A***	0.0	0.8
FS-19-2-SYS-15-SO-2	0.9	0.0	0.0	2.2	1.0	-0.2	0.9	2.0	***N/A***	0.0	2.0
FS-19-2-SYS-15-SO-3	1.3	0.0	0.0	0.0	1.0	-0.2	1.3	1.2	***N/A***	0.1	1.2
FS-19-2-SYS-16-SO-1	0.4	0.0	0.1	0.6	0.5	3.6	0.4	0.8	***N/A***	0.2	0.8
FS-19-2-SYS-16-SO-2	1.1	0.0	0.0	0.3	0.8	0.5	1.1	1.5	***N/A***	0.1	1.5
FS-19-2-SYS-16-SO-3	1.4	0.0	0.3	1.3	0.9	0.6	1.4	1.8	***N/A***	0.1	1.8
FS-19-2-SYS-17-SO-1	0.6	0.0	0.3	1.2	0.6	0.0	0.6	0.8	***N/A***	0.1	0.8
FS-19-2-SYS-17-SO-2	1.0	0.0	0.0	1.2	0.8	-0.1	1.0	0.7	***N/A***	0.1	0.7
FS-19-2-SYS-17-SO-3	1.1	0.0	0.0	1.8	0.9	0.1	1.1	0.9	***N/A***	0.1	0.9
FS-19-2-SYS-18-SO-1	0.4	0.0	0.0	0.3	0.7	-0.1	0.4	1.0	***N/A***	0.1	1.0
FS-19-2-SYS-18-SO-2	1.1	0.0	0.0	-0.1	0.8	-0.3	1.1	1.0	***N/A***	0.0	1.0
FS-19-2-SYS-18-SO-3	1.1	0.0	0.4	2.3	0.9	-0.3	1.1	1.7	***N/A***	0.1	1.7
FS-19-2-SYS-19-SO-1	0.8	0.0	0.0	2.0	0.9	10.4	0.8	1.6	***N/A***	0.5	1.6
FS-19-2-SYS-19-SO-2	0.9	0.0	0.0	2.1	0.8	1.2	0.9	1.4	***N/A***	0.1	1.4

Attachment 1
Westinghouse Decommissioning Project
Analytical Data for Samples Collected From Proposed Rail Spur

Survey Unit 2 Page 2 of 2	Ac-228	Am-241	Pa-231	Pa-234M	Ra-226	Tc-99	Th-232	Th-234	U-234	U-235	U-238 (Th-234)
Sample ID											
FS-19-2-SYS-19-SO-3	1.1	0.0	0.0	0.4	1.0	0.7	1.1	1.3	***N/A***	0.1	1.3
FS-19-2-SYS-20-SO-1	0.6	0.0	0.1	1.1	0.6	2.2	0.6	0.6	***N/A***	0.1	0.6
FS-19-2-SYS-20-SO-2	1.1	0.0	0.1	2.4	0.8	0.3	1.1	1.5	***N/A***	0.1	1.5
FS-19-2-SYS-20-SO-3	1.1	0.0	0.2	4.5	0.8	0.3	1.1	1.4	***N/A***	0.1	1.4
FS-19-2-SYS-21-SO-1	0.7	0.0	0.2	0.6	0.6	12.9	0.7	1.5	7.5	0.2	1.5
FS-19-2-SYS-21-SO-2	1.1	0.0	0.0	5.0	0.9	1.2	1.1	1.4	3.0	0.2	1.4
FS-19-2-SYS-21-SO-3	1.2	0.0	0.0	3.9	1.3	0.4	1.2	2.1	1.0	0.1	2.1
FS-19-2-SYS-22-SO-1	0.9	0.0	0.2	2.2	0.8	2.8	0.9	2.3	***N/A***	0.1	2.3
FS-19-2-SYS-22-SO-2	1.0	0.0	0.3	5.9	0.9	0.7	1.0	1.4	***N/A***	0.0	1.4
FS-19-2-SYS-22-SO-3	0.6	0.0	0.0	3.4	0.7	0.1	0.6	1.0	***N/A***	0.1	1.0

NOTES:

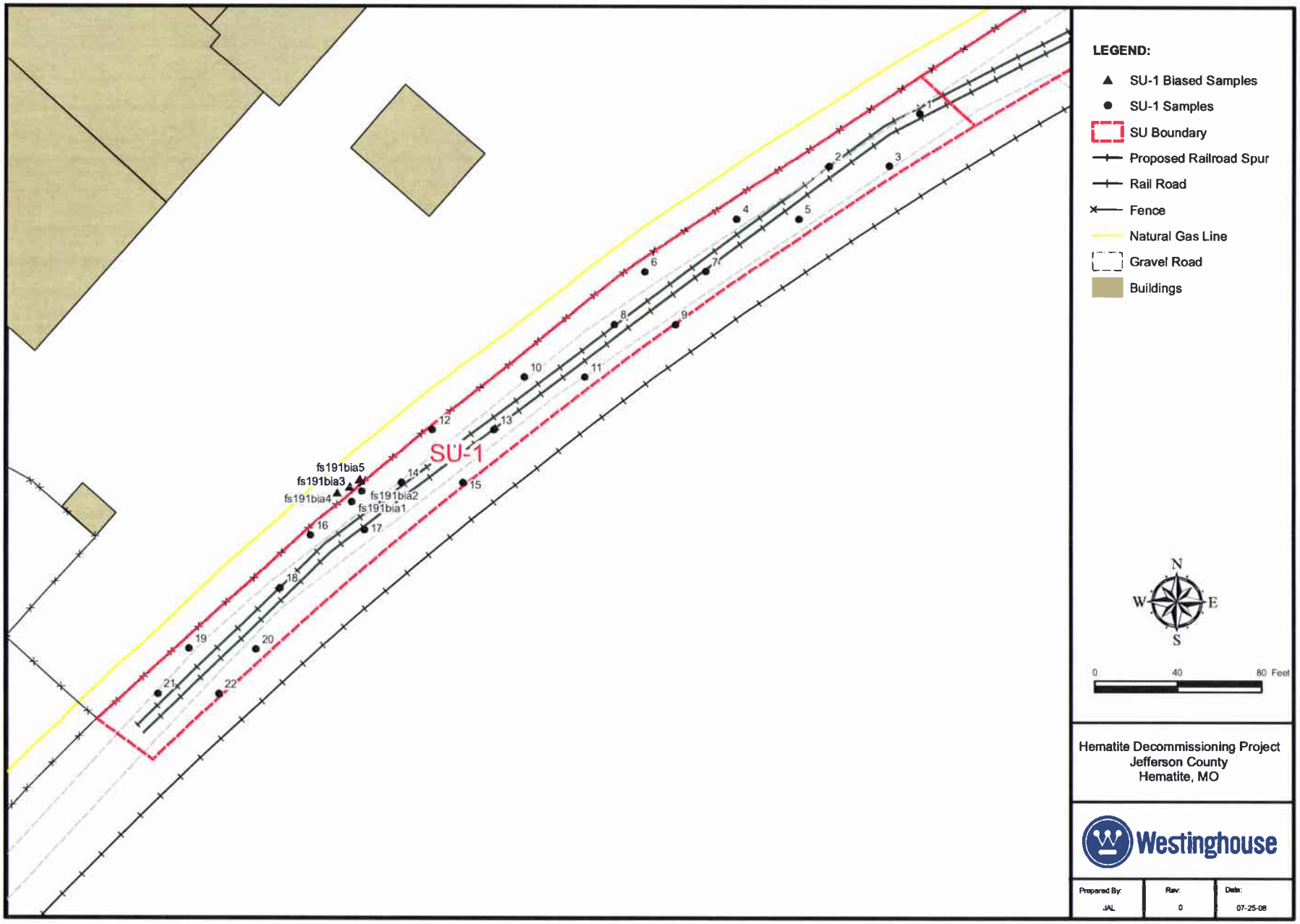
1. Results reported in units of pico-Curies per gram (pCi/g)

2. *N/A* = Not analyzed by alpha spectroscopy

3. Encrypted Information for Sample Identification:
   - FS= Final Status Survey (supporting data for potential future use in this instance)
   - 19= Area of Concern
   - 1 or 2= Survey Package Number
   - SYS 1 - 22= Systematic Sampling Location
   - BIA 1 - 5 (SU1 only)= Biased Sampling Location
   - SO= Soil matrix
   - 1, 2, or 3= Depth Below Surface: 1 = 0 - 0.15m / 2 = 0.15 - 1.5m / 3 = >1.5m

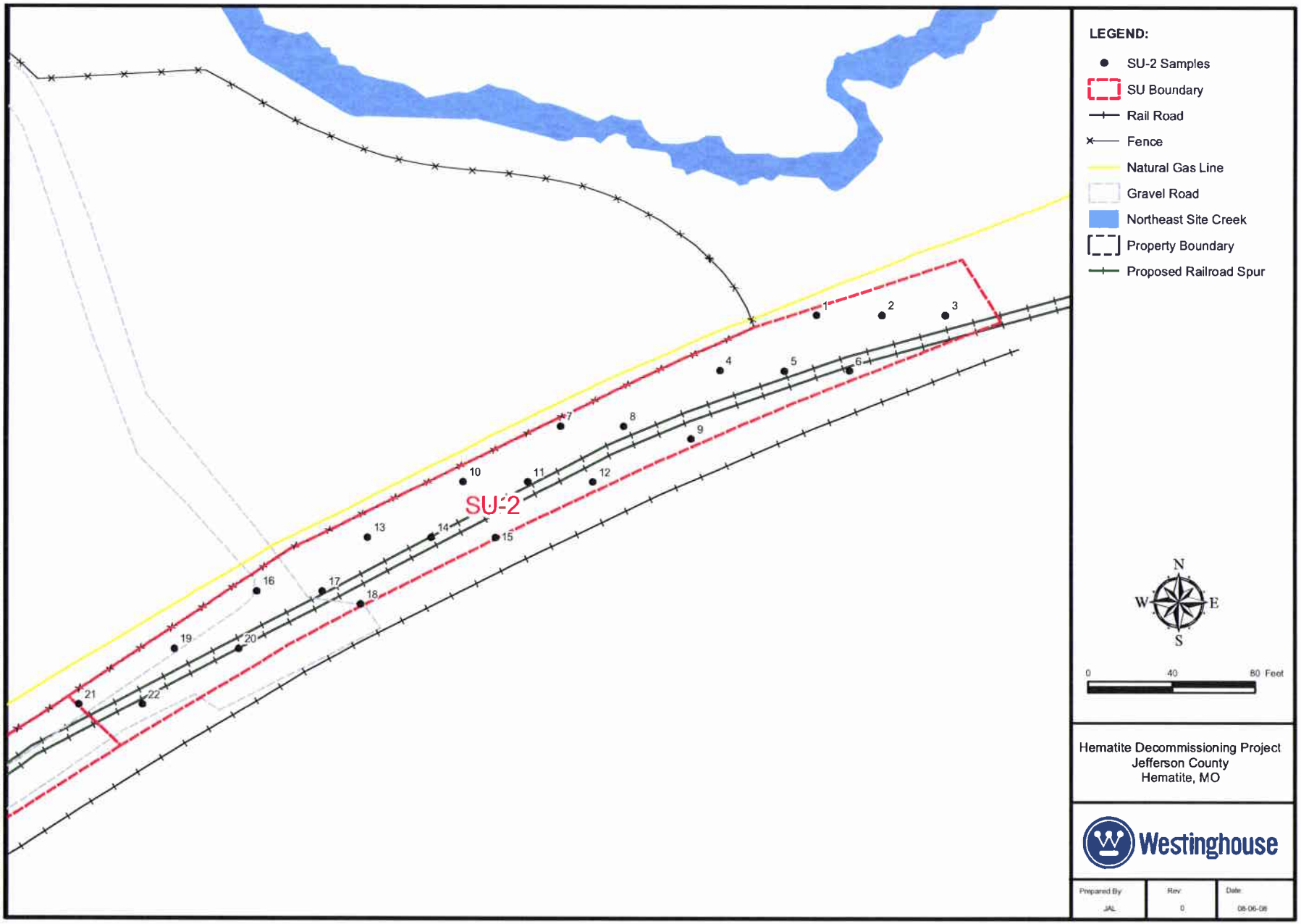
SU1 SAMPLE LOCATIONS
FOR
PROPOSED RAIL SPUR

Attachment 2, SU1 Sample Locations for Proposed Rail Spur



SU2 SAMPLE LOCATIONS
FOR
PROPOSED RAIL SPUR

Attachment 3, SU2 Sample Locations for Proposed Rail Spur



From: Origin ID: SUSA (314)810-3320
SALLY P. WELCH
WESTINGHOUSE ELECTRIC CORP
3300 STATE ROAD

FESTUS, MO 63028

FedEx Express

CLS053008/21/24

Ship Date: 09SEP08
ActWgt: 1 LB
System#: 4713695/INET8061
Account#: S ********

Delivery Address Bar Code

Ref #
Invoice #
PO #
Dept #

SHIP TO: 6308299826 **BILL SENDER**

Eugenio A. Bonano
U.S. Nuclear Regulatory Commission
2443 WARRENVILLE RD STE 210
REGION III
LISLE, IL 605324352

TRK# 0201 7905 7278 8328

WED - 10SEP **A2**
STANDARD OVERNIGHT

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