

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

www.dnr.mo.gov

December 17, 2015

Ms. Gay M. Fussell, Deputy Director
Westinghouse Electric Company
Hematite Decommissioning Project
3300 State Road P
Festus, MO 63028

Subject: Hematite Decommissioning Project –Confirmation Completion Summary for
LSA-05-04, HEM-15-127

The Missouri Department of Natural Resources has completed review of the subject
Confirmation Completion Summary for Land Survey Area, LSA-05-04.

Based on review of the Confirmation Completion Summary and reported laboratory results from
confirmatory sampling conducted by department staff, the department has no further questions
related to the results of Westinghouse Electric Company's confirmation sampling in LSA-05-04.
The current data supports the conclusion that no further remediation is indicated in this LSA.

Please be advised that additional investigation and/or remediation within LSA-05-04 may be
required if contamination exceeding site remediation goals or subsurface screening levels is
subsequently identified and cannot be laterally defined within an adjacent area.

If you have any questions, please contact me at (314) 877-3250 or (314) 810-3300, extension
330. Written inquiries can be directed to me at the Missouri Department of Natural Resources,
917 N. Highway 67, Suite 104 Florissant, Missouri 63031.

Sincerely,

HAZARDOUS WASTE PROGRAM



Ben Moore, P.E.
Federal Facilities Section

BM: ra



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c: Kevin Harris, Leidos
Tiffany Drake, Missouri Department of Natural Resources
Rita Alexander, Missouri Department of Natural Resources
Michele Gutman, Westinghouse Electric Company
James Smith, U.S. Nuclear Regulatory Commission
Mike LaFranzo, U.S. Nuclear Regulatory Commission

References:

- 1) HEM-15-127, *Hematite Decommissioning Project – Confirmation Completion Summary for LSA-05-04*, November 24, 2015
- 2) EO-11-001, *Westinghouse Hematite Decommissioning Project, Final Sampling and Analysis Plan for Remediation of Operable Unit I Revision 1.5*, March 2015
- 3) EO-10-002, *Remedial Design Work Plan – Operable Unit 1, Revision 1.3*, March 2013
- 4) EO-09-001, *Westinghouse Hematite Decommissioning Project - Record of Decision for Operable Unit I*, May 18, 2009

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Ms. Gay M. Fussell, Deputy Director
Westinghouse Electric Company
Hematite Decommissioning Project
3300 State Road P
Festus, MO 63028

Subject: Hematite Decommissioning Project-Data Submittal for Characterization of Reuse Pile 8A,
HEM-15-97

Dear Ms. Fussell:

The Missouri Department of Natural Resources has completed review of the subject data submittal for proposed backfill material generated during site excavation activities.

We note that Reuse Pile 8A was surveyed for radiological properties and divided into 43 separate piles of soil, each with an approximate volume of 100 cubic yards. Each pile was then sampled and analyzed for volatile organic compounds, polycyclic aromatic hydrocarbons, and arsenic. Analytical results were reviewed by Department staff and found to be below subsurface screening levels for Arsenic and below project remediation goals for the other listed chemical contaminants. Considering this, Reuse Pile 8A is approved for use as subsurface backfill.

If you have any questions, please contact me at (314) 877-3250 or (314) 810-3300, extension 330. Written inquiries can be directed to me at the Missouri Department of Natural Resources, 917 N. Highway 67, Suite 104, Florissant, Missouri 63031.

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Mike LaFranzo, U.S. Nuclear Regulatory Commission

References:

- 1) HEM-15-97, *Hematite Decommissioning Project -Data Submittal for Characterization of Reuse Pile 8a*, September 22, 2015
- 2) EO-11-001, *Westinghouse Hematite Decommissioning Project, Final Sampling and Analysis Plan for Remediation of Operable Unit I Revision 1.5*, March 2015
- 3) EO-10-002, *Remedial Design Work Plan – Operable Unit 1, Revision 1.3*, March 2013
- 4) EO-09-001, *Westinghouse Hematite Decommissioning Project - Record of Decision for Operable Unit I*, May 18, 2009