



Westinghouse Electric Company LLC  
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ATTN: Document Control Desk	Direct tel: 314-810-3355
Director, Office of Federal and State Materials and Environmental Management Programs	E-mail: fusselgm@westinghouse.com
U.S. Nuclear Regulatory Commission	Our ref: HEM-16-70
Washington, DC 20555-0001	Date: October 10, 2016

Subject: Westinghouse Hematite Decommissioning Project - Request for NRC Review of "Final Status Survey Final Report Volume 6, Chapter 1, Revision 1, Groundwater Overview; and Volume 6, Chapter 2, Groundwater Monitoring Results During Remediation; and Volume 6, Chapter 3, Post-remediation Groundwater Monitoring 1<sup>st</sup> Quarter Results" (License No. SNM-00033, Docket No. 070-00036)

References: 1) Westinghouse letter HEM-16-15 (Fussell) to NRC (Document Control Desk) dated February 10, 2016, "Request for NRC Review of Final Status Survey Final Report Volume 6, Chapter 1, Groundwater Overview" {ML16041A340}

The purpose of this letter is to provide for the U.S. Nuclear Regulatory Commission (NRC) review of the Final Status Survey documents Final Status Survey Final Report Volume 6, Chapter 1, Revision 1, *Groundwater Overview*; and Chapter 2, *Groundwater Monitoring Results During Remediation*; and Chapter 3, *Post-remediation Groundwater Monitoring 1<sup>st</sup> Quarter Results*.

In Reference 1, Westinghouse submitted for NRC review the overview document Final Status Survey Final Report Volume 6, Chapter 1, *Groundwater Overview*. The NRC provided via email the *Pre-Audit Submittal Table for Final Status Survey Final Report Volume 6, Chapter 1* which contained comments generated by the review. During a subsequent recurring weekly publicly noticed teleconference Westinghouse and the NRC discussed the path forward and resolution of the NRC comments for Final Status Survey Final Report Volume 6, Chapter 1

Attachment 1 contains Final Status Survey Final Report Volume 6, Chapter 1, Revision 1 which contains the Westinghouse response to the comments provided in the Pre-Audit Submittal Table as provided by the NRC. Attachment 2 contains the Pre-Audit Submittal Table which provides the Westinghouse response to the comments.

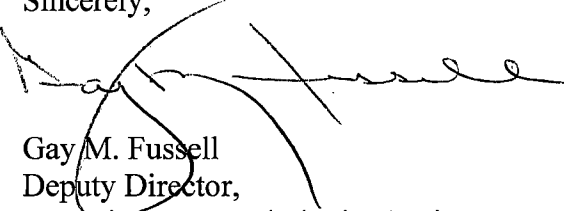
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Attachment 3 contains Final Status Survey Final Report Volume 6, Chapter 2, *Groundwater Monitoring Results During Remediation*. This chapter provides for review the groundwater monitoring sample data which supports the conclusion that Radionuclides Of Concern were not present in the groundwater at levels that indicate the remediation activities impacted groundwater.

Attachment 4 contains Final Status Survey Final Report Volume 6, Chapter 3, *Post-remediation Groundwater Monitoring 1<sup>st</sup> Quarter Results*. This chapter provides for review the groundwater monitoring sample data for the 1<sup>st</sup> Quarter post-remediation. It is intended that this quarterly groundwater monitoring data with future quarterly groundwater monitoring data will support the conclusion that the dose from residual radioactivity from all sources (including groundwater) does not exceed the annual dose criterion for license termination for unrestricted use in accordance with 10 CFR 20.1402, *Radiological Criteria for Unrestricted Use*.

Please contact Kenneth Pallagi at 314-810-3353, should you have questions or need additional information.

Sincerely,



Gay M. Fussell  
Deputy Director,  
Hematite Decommissioning Project

- Attachments:
- 1) Final Status Survey Final Report Volume 6, Chapter 1, *Groundwater Overview*, Revision 1 (HDP-RPT-FSS-501)
  - 2) *Pre-Audit Submittal Table for Final Status Survey Final Report Volume 6, Chapter 1, Revision 1*
  - 3) Final Status Survey Final Report Volume 6, Chapter 2, *Groundwater Monitoring Results During Remediation* (HDP-RPT-FSS-502)
  - 4) Final Status Survey Final Report Volume 6, Chapter 3, *Post-remediation Groundwater Monitoring 1<sup>st</sup> Quarter Results* (HDP-RPT-FSS-503)

cc: J. W. Smetanka, Westinghouse (w/o attachments)  
M. R. Meyer, NRC/DUWP/MDB (w/o attachments)  
J. A. Smith, NRC/DUWP/MDB (w/o attachments)