

May 25, 2005

Mr. Henry A. Sepp, Site Manager
Westinghouse Electric Company, LLC
3300 State Road P
Festus, MO 63028

SUBJECT: MEETING SUMMARY NOTES

Dear Mr. Sepp:

On May 2, 2005, representatives of Westinghouse Electric Company, LLC, met with representatives of the U.S. Nuclear Regulatory Commission (NRC), to discuss the Hematite Decommissioning Plan regarding the type of information NRC needs to perform a comprehensive Environmental Assessment. Additionally, the meeting included a technical exchange between staff on modeling and characterization questions related to the January 28, 2005, submittal of the Hematite Decommissioning Plan. We have enclosed a copy of our meeting summary notes.

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system [Agencywide Documents Access and Management System (ADAMS)]. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). This information is also available on NRC's website at: <http://www.nrc.gov/materials/decommissioning/public-involve.html>

If you have any questions or comments regarding the enclosed, please contact me at (301) 415-8580.

Sincerely,

/RA/

Amy M. Snyder, Senior Project Manager
Materials Decommissioning Section
Division of Waste Management
and Environmental Protection

Docket No.: 070-00036
License No: SNM-00033

Enclosure: As stated

cc: G. M. Vytlačil, Manager, Licensing and Quality Assurance
A. J. Nardi, Chairman, Project Oversight
R. A. Kucera, Deputy Department Director for Policy
Missouri Department of Natural Resources
B. Moore, Project Manager, Missouri Department of Natural Resources

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ML051450023

*See previous concurrence

OFFICE	DWMEP		DWMEP:D		DWMEP:DD		
NAME	ASnyder*		KGruss*		DGillen* AXP for		
DATE	05/10/05		05/23/05		05/24/05		

**OFFICIAL RECORD COPY
MEETING REPORT**

DATE: May 2, 2005

TIME: 9:00 a.m. - 12 Noon

PLACE: U.S. Nuclear Regulatory (NRC), Headquarters
One White Flint North
Room: O-6B4
11555 Rockville Pike
Rockville, MD 20852-2738

PURPOSE: At the request of Westinghouse Electric Company, LLC (WEC), NRC discussed the type of information it needs to develop an Environmental Assessment (EA) addressing remediation at the Hematite Site, located in Festus, Missouri. Questions regarding characterization and dose modeling were also discussed to clarify what type of information NRC needs to evaluate the Hematite Decommissioning Plan (DP).

ATTENDEES: Refer to Attachment

BACKGROUND: NRC's Office of General Counsel made a decision, in April 2005, that all subsurface decommissioning activities at the Hematite site had to be addressed in one EA, to avoid unnecessary segmentation, under the National Environmental Policy Act. WEC is not planning on partial site release and agreed with NRC that NRC should develop one EA, covering all phases of the decommissioning at Hematite. NRC and WEC are now developing one schedule for the review of one DP, and one EA to cover the Hematite Decommissioning.

DISCUSSION:

The Hematite Building Demolition License Amendment submittal, a separate license amendment request that WEC submitted on October 5, 2004, was used as a vehicle to put NRC's EA information needs into context regarding all Hematite DP activities. NRC staff and WEC representatives exchanged information and addressed questions related to the EA for the Hematite Building Demolition and the EA for all other Hematite decommissioning activities.

NRC determined that it needs the following information to assess potential environmental impacts at the Hematite Site: a comprehensive environmental data report containing non-radiological data and potential remediation strategies for all potentially affected environmental media, associated remediation techniques and waste estimates. Additionally, a transportation dose assessment, a transportation accident analysis, a baseline ecological risk assessment, updated referenced documents, an estimate of projected fugitive emissions during decommissioning and identification of any monitoring programs are also necessary. A copy of NUREG1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs," was given to WEC for its use.

Enclosure

Regarding characterization, NRC staff stated that the Site-Wide Radiological Characterization Report (DO-04-010) that WEC submitted for the Hematite Decommissioning Plan was difficult to follow because it did not relate data to WEC's proposed final status survey classification units. NRC asked if gamma spectroscopy analyses were available and if there were data that would confirm or exclude the presence of fission products and enriched uranium ore on-site. WEC said this information is available and they will provide it to NRC. NRC also asked about the nature of the groundwater characterization that WEC plans to submit to NRC in the near future. NRC noted that one round of sampling data from the groundwater monitoring wells may not be sufficient to understand groundwater contamination flow and transport. NRC noted that the Haddam Neck characterization and dose modeling approach may be appropriate for other sites, such as Hematite.

WEC discussed how it proposes to demonstrate dose compliance with 10 CFR Part 20, Subpart E, requirements. WEC expressed concern about the timing for NRC approval of Derived Concentration Guideline Levels (DCGLs). WEC wanted NRC's agreement on the proposed DCGLs early in the decommissioning process to guide remediation. WEC proposed only to use DCGLs to guide remediation and wants to use a dose assessment evaluation to demonstrate compliance. NRC staff said that if a licensee wants to use a dose assessment to demonstrate compliance, NRC, as a matter of policy, does not approve DCGLs unless they are used to demonstrate compliance with the regulations. WEC stated that at this time, it is not willing to apportion a specific amount of dose to the groundwater pathway, but as described in its January 28, 2005, DP submittal, it will account for dose from the groundwater pathway when demonstrating compliance with the 25 mrem/yr all-pathway dose requirement.

WEC asked NRC if it would discuss "realistic" scenarios for the Hematite Site. NRC asked whether WEC was seriously considering changing the scenario that it had used to develop the DCGLs which was included in the January 28, 2005, DP. NRC stated that if WEC wants to use a different scenario, it would significantly impact NRC's Hematite DP review schedule and resources. WEC stated, at this time, it was not seriously considering changing scenarios, but wanted the opportunity to discuss realistic scenarios, specific to the Hematite Site, with NRC, sometime in the future. NRC stated that it would be willing to have a discussion with WEC, but WEC would have to provide NRC with details on the scenario that it proposes to use and the rationale for using its proposed realistic scenario. NRC made it known that once the DP is approved, a license amendment would be necessary to change the method that the licensee uses to demonstrate compliance with the 25 mrem/yr all-pathway dose requirement.

At the end of the meeting, NRC staff solicited comments from those who were observing the meeting. Mr. Hugh Thomas of Talisman International, LLC, commented that he believed that one DP was a better approach. Mr. Ben Moore of the Missouri Department of Natural Resources commented that phased decommissioning is a difficult problem to sort out.

ACTIONS:

1. Groundwater Characterization Data for the Hematite Site will be submitted by Joseph Nardi, WEC, to NRC, by June 30, 2005.
2. Background Sampling Data, collected offsite, will be submitted by Joseph Nardi, WEC, to NRC, by June 30, 2005.
3. ADAMS accession number [Main Library (ML) #] for the Haddam Neck decommissioning plan (License Termination Plan) will be identified by Amy Snyder, NRC, and given to Joseph Nardi, WEC, by May 5, 2005. The approach that Connecticut Yankee Atomic Power, Inc. has taken may be applicable to the Hematite Facility.
4. A Comprehensive Environmental Report for the Hematite Site will be submitted by Joseph Nardi, WEC, to NRC, by August 31, 2005, for the purpose of evaluating the Hematite DP. Also, NRC staff will use this Report to prepare a comprehensive EA for the Hematite decommissioning activities. WEC will include summary tables, noting where samples were taken, by area, and the radionuclides of concern. In addition, descriptive statistics will be presented.
5. A Base-line Ecological Risk Assessment document will be submitted by Joseph Nardi, WEC, to NRC, by August 31, 2005.
6. Gamma Spectroscopy Data and Fission Product Data and Evaluations will be submitted by Joseph Nardi, WEC, to NRC. At this time, a submittal date for this information was not established because WEC is in the process of preparing a Report for the State of Missouri on the same subject. Westinghouse will provide this information to the NRC once it has determined what information from the draft Report is applicable to the Hematite DP.
7. At the request of Joseph Nardi, WEC, Amy Snyder, NRC, will coordinate a teleconference between NRC and WEC for the purpose of discussing WEC's current modeling approach for Hematite, submitted in the January 28, 2005, DP. This teleconference call will be scheduled no later than the end of May 2005.
8. Joseph Nardi, WEC, will provide information to NRC concerning Westinghouse's interest in potentially redefining the dose modeling scenarios for the Hematite Decommissioning. A due date was left open because WEC is currently exploring the possibility of identifying a "realistic" dose scenario to be used for license termination. If WEC pursues this idea, it will prepare a detailed proposal with rationale explaining why it believes the scenario is realistic and appropriate for the Hematite Site, for discussion with NRC. Then, NRC will give feedback, not approval, to WEC, concerning WEC's scenario logic and rationale.
9. Joseph Nardi, WEC, will provide information to NRC by May 31, 2005, regarding when WEC will be able to submit DCGLs for Groundwater and DCGLs for non-contaminated buildings to NRC.
10. NRC will establish and communicate to WEC, by the May 31, 2005, a date when all information identified in the action items above must be submitted to the NRC in order for the NRC to continue its technical review of the Hematite DP. The goal is for NRC and WEC to agree upon a schedule for review of one DP and EA.
11. As applicable (based on action item 10 above), NRC information needs identified above that are not submitted in the June 30, 2005 DP (Revision 2) submittal, will be identified by WEC in the DP (Rev. 2) submittal correspondence, with the date WEC plans on submitting such

information to the NRC. NRC will evaluate its impact on the DP review schedule and resources.

ATTACHMENT:
"Meeting Attendees"

Docket No.: 070-00036

License No.: SNM-00033