

June 28, 2005

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR REVIEW OF A LICENSE
AMENDMENT REQUEST TO ALLOW FOR DISMANTLEMENT AND
DEMOLITION OF THE BUILDING COMPLEXES AT THE HEMATITE FACILITY
(TAC NO. L52641)

Dear Mr. Sepp:

By letter dated October 5, 2004, Westinghouse Electric Company (WEC) submitted an amendment request to the U.S. Nuclear Regulatory Commission (NRC) to amend Chapter 1 of Materials License No. SNM-0033, to authorize the dismantlement and demolition of the building complexes at the Hematite Facility, in Festus, Missouri. On October 14, 2004, you were notified that NRC staff had completed its acceptance review of your application and that your application contained sufficient information for staff to perform a detailed technical review. The NRC staff has determined that further information is needed to complete its technical review of this amendment request. The requested information is found in the enclosure.

To help us schedule staff review of your response, we request that you provide us with this information by August 1, 2005. If you are unable to provide a response by that date, notify us in writing, at least 2 weeks in advance, of your new submittal date and the reasons for the delay. The staff will then assess the impact of the new submittal date and notify you of a revised schedule.

Please reference Docket No. 70-00036 and TAC No. L52641 in future correspondence related to this licensing action. If you have any questions, please contact me at (301) 415-8580.

Sincerely,

/RA/

Amy M. Snyder, Senior Project Manager
Decommissioning Directorate
Division of Waste Management
and Environmental Protection
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-00036
TAC No.: L52641

Enclosure: Request for Additional Information

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

June 28, 2005

- 2 -

Please reference Docket No. 70-00036 and TAC No. L52641 in future correspondence related to this licensing action. If you have any questions, please contact me at (301) 415-8580.

Sincerely,

/RA/

Amy M. Snyder, Senior Project Manager
Decommissioning Directorate
Division of Waste Management
and Environmental Protection
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-00036
TAC No.: L52641

Enclosure: Request for Additional Information

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

DISTRIBUTION:

DCD r/f LWCamper B.JDavis XYin PSobel
BSmith OGC CMartin, RIII JCameron, RIII MAdams,FCSS

ML051720051

*See Previous Concurrence

OFFICE	DWMEP:PM*	NMSS:TechEd*	DWMEP:LA*	DWMEP:HP*
NAME	ASnyder	EKraus	CBurkhalter	XYin
DATE	6/21/05	6/21/05	6/23/05	6 /23/05
OFFICE	DWMEP:SC*	DWMEP:DD*		
NAME	KGruss	DGillen		
DATE	06/23/05	06/26/05		

OFFICIAL RECORD COPY

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION MATERIALS LICENSE No. SNM-00033 HEMATITE FACILITY, DOCKET NO. 70-00036

By application dated October 5, 2004, Westinghouse Electric Company (WEC) submitted an amendment request, to the U.S. Nuclear Regulatory Commission (NRC), to amend Chapter 1 of Materials License No. SNM-0033, to authorize the dismantlement and demolition of the building complexes at the Hematite Facility, in Festus, Missouri. On October 14, 2004, you were notified that NRC staff had completed its acceptance review of your application and that your application contained sufficient information for staff to perform a detailed technical review. This request identifies additional information needed by NRC staff to determine whether WEC has demonstrated compliance with regulatory requirements. The requested information addresses the environmental monitoring and control program and its appropriateness for building dismantlement and at-grade building demolition activities. The staff used NUREG - 1748, "NRC: Environmental Review Guidance for Licensing Actions Associated with NMSS [Office of Nuclear Material Safety and Safeguards] Programs" to conduct its Environmental Assessment Evaluation and NUREG-1757, "Consolidated NMSS Decommissioning Guidance", Volumes 1 and 2, to conduct its safety evaluation.

Environmental Monitoring and Control

Each licensee shall develop, document, and implement a radiation protection program commensurate with the scope and extent of licensed activities and to ensure compliance with the provisions of Part 10 of the Code of Federal Regulations (10 CFR) Part 20. Licensees must submit sufficient information to allow the staff to fully understand how the licensee will implement and conduct its effluent control program during dismantlement and demolition of the building complexes to grade at the Hematite Facility. For the proposed licensing request, the following information is needed to assure compliance with 10 CFR 20.1101.

- 1.0 Describe the criteria that WEC will use to determine whether the environmental monitoring program needs to be revised because of building dismantlement and demolition activities.
- 2.0 Provide a summary of action levels that will be used during building dismantlement and demolition to grade and provide a description of the actions to be taken, should a limit be exceeded.
- 3.0 For each building or building complex, describe the environmental monitoring strategy. For each building or building complex, commit to identifying and describing the rationale for selecting the monitoring or sampling locations, analyses, frequencies, durations, sizes, and lower limit of detection and identify associated quality assurance procedures before building or building-complex dismantlement and demolition are implemented.
- 4.0 Describe the strategy WEC will use to determine whether contamination removal versus contamination lock-down will be accomplished. When contamination removal is used, briefly explain how contaminated surfaces of applicable steel, concrete, and metal siding will be removed and controlled.

- 5.0 Identify areas of each building, above grade, that have, or have the potential to be, volumetrically contaminated. For such areas, identify how building dismantlement and demolition would be modified or conducted to account for such areas and how their associated potential releases would be controlled and monitored.
- 6.0 Identify the evaluation criteria that will be used to determine whether a water supply is adequate to control fugitive emissions and describe the strategy on how to control the runoff if a water supply is used.
- 7.0 Commit to developing and implementing a characterization plan that will completely characterize residual contamination (surface and volumetric) within the buildings before building dismantlement and demolition. Commit to evaluating the data to determine radiological controls and commit to incorporating the controls in implementing procedures.