



70-36

Westinghouse  
Electric Company LLC

Box 355  
Pittsburgh Pennsylvania 15230-0355

September 11, 2001

U.S. Nuclear Regulatory Commission  
Director, Office of Nuclear Material Safety and Safeguards  
ATTN: Document Control Desk  
Washington, DC 20555

Gentlemen:

Subject: Notification of Cessation of all Principal Licensed Activities and Application for License Amendment to License SNM-33 to Change the Scope of the Authorized License Activities to the Performance of Decommissioning Activities

The Westinghouse Electric Company hereby provides this notification that all principal licensed activities have ceased and submits this application for an amendment to License Number SNM-33 (Docket 70-36) to change the scope of authorized licensed activities to those associated with decommissioning activities. Westinghouse has a pending application dated August 2, 2001 for a license amendment that should be considered to take priority over this application. That pending application relates to operational restraints under the current license. This application is the first part of an application to request a different fee category designation for License Number SNM-33. A formal request for a change in fee category will be submitted by September 30, 2001.

By letter dated June 7, 2000, Westinghouse notified the NRC of its intention to cease principal licensed activities at this facility and requested an alternate schedule for submission of a decommissioning plan. This notification was accepted and the NRC approved an alternate schedule for submission of a decommissioning plan by letter dated September 11, 2000. By letter dated October 30, 2000, Westinghouse submitted a proposed schedule for developing and submitting the final Hematite decommissioning plan. This alternate schedule for submission of the final decommissioning plan was approved by NRC letter dated May 30, 2001.

This letter formally notifies the NRC that all production of nuclear reactor fuel for nuclear power plants has ceased at the Hematite site. Section 1.5, "Authorized Activities", of the current license application states:

"This license application requests authorization for Westinghouse Electric Company LLC to receive, possess, use, store, and transfer Special Nuclear Material under Part 70 of the Regulations of the Nuclear Regulatory Commission in order to manufacture nuclear reactor fuel utilizing low-enriched uranium (up to 5.0 weight percent in the isotope U<sup>235</sup>) and to ...."

Current activities at the site are directed towards those required to remove the facilities and the site safely from service and to reduce the levels of residual radioactivity. Attached to this application for license amendment is the revised wording for Section 1.4, "Possession Limits" and Section 1.5, "Authorized Activities" to reflect the material possessed and the scope of

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activities being conducted at the site. Formal revised pages, with appropriate revision record, will be submitted after the approval of the pending application described above.

Proposed revisions for other sections of the license have not been prepared at this time. Additional changes will be made as appropriate to reflect the limited authorized activities reflected in this application. If another section of the license appears to authorize an activity other than decommissioning, it should be understood that the authorized activities in Sections 1.4 and 1.5 would be primary.

If you have any questions concerning this application for a license amendment, please contact me at the above address or by telephone at 412-374-4652.

Sincerely,

A handwritten signature in cursive script that reads "A. Joseph Nardi". The signature is written in black ink and is positioned above the typed name.

A. Joseph Nardi, Supervisory Engineer  
Environment, Health and Safety

Cc:  
Mohammad Haque, NRC License Project Manager  
Patrick Hiland, NRC Region III Branch Chief

## ATTACHMENT

### 1.4 Possession Limits

Westinghouse Electric Company LLC requests authorization to possess the following quantities of Special, Source and Byproduct material under License SNM-33.

<u>Item</u>	<u>Material</u>	<u>Form</u>	<u>Quantity</u>
A	Uranium enriched to a maximum of 5.0 weight percent in the $^{235}\text{U}$ isotope	Any (excluding metal powders)	2,000 kilograms $^{235}\text{U}$
B	Uranium to any enrichment in the $^{235}\text{U}$ isotope	Any (excluding metal powders)	350 grams $^{235}\text{U}$
C	Source Material, natural or depleted Uranium	Any (excluding metal powders)	25,000 kilograms
D	Cobalt 60	Sealed Sources	40 milliCuries total
E	Cesium 137	Sealed Sources	500 milliCuries total
F	Byproduct Material including $^{241}\text{Am}$	Any	200 microCuries total
G	Californium 252	Sealed Sources	4 milligrams total
H	Special, Source and Byproduct Material as residual contamination	Any	All residual contamination existing at the Hematite site on July 1, 2001

### 1.5 Authorized Activities

This license application requests authorization for Westinghouse Electric Company LLC to:

- 1) Receive, possess, use, store, and transfer Special Nuclear Material under Part 70 of the Regulations of the Nuclear Regulatory Commission.
- 2) Receive, possess, use, store, and transfer Source Material under Part 40 of the Regulations of the Nuclear Regulatory Commission.
- 3) Receive, possess, use, store, and transfer Byproduct Material under Part 30 of the Regulations of the Nuclear Regulatory Commission.

The authorized principal licensed activity is to decommission the site in order to remove the facilities and site safely from service and to reduce residual radioactivity to a level that permits termination of the license. With the cessation of all nuclear fuel manufacturing operations on the site, authorized activities are limited to those in accordance 10CFR70.38(d) to decommission the site. These activities are being undertaken in order that License SNM-33 can be terminated and that all facilities and outdoor areas on the site can be released in accordance with NRC Regulations (10CFR20, Subpart E, Radiological Criteria for License Termination). These authorized activities are conducted at any location on the Hematite site.

With respect to the specific possession limits of Section 1.4:

- 1) Items A, B and C – possession of this Special Nuclear Material and Source Material is limited to those activities necessary to process and package the materials into forms suitable for transfer to other licensed operations. Receipt of any additional materials in these categories is limited to that necessary to complete the decommissioning of the site and facilities. Examples of such receipts would be calibration sources and residual contamination on shipping containers and packages.

- 2) Items D and F – for instrument calibration and testing
- 3) Items E and G – for possession only pending transfer to other licensed operations.
- 4) Item H – possession of this residual contamination is limited to the activities associated with the decommissioning of the site.

Specific activities that would be covered under this license are:

1. Those activities necessary to reduce the current inventory of Special Nuclear Material, Source Material and Byproduct material from the site including but not limited to such activities as:
  - Preparation, packaging, and shipment of the remaining inventory of Special Nuclear and Source Material. Preparation of uranium will include processes such as oxidation, incineration, liquid waste solidification, size reduction, filter processing and wet-process uranium recovery operations.
  - Waste preparation, packaging, and shipment.
  - Equipment testing, clean-out and decontamination in preparation for packaging and shipment.
2. Those activities necessary to maintain the facilities and site in a safe condition pending license termination including but not limited to such activities as:
  - Facility maintenance, inspection, testing, and preventive maintenance activities necessary to maintain safe conditions such as ventilation control and operation, alarm systems, process controls, building maintenance etc.
  - Process equipment maintenance.
3. Those activities necessary to plan for the decommissioning of the site including but not limited to such activities as:
  - Site characterization.
4. Those activities necessary to decommission the facilities and site including but not limited to such activities as:
  - Waste preparation, packaging, and shipment.
  - Equipment clean-out and decontamination.
  - Building surface decontamination.
  - Building demolition.
  - Soil and groundwater remediation.
  - Final status surveys.

As appropriate, the above activities will either be conducted in accordance with current license authorizations or be authorized by specific NRC approval such as a license amendment or an approved Decommissioning Plan.