

December 23, 1996

Mr. L. J. Maas  
Manager, Regulatory Compliance  
Siemens Power Corporation  
2101 Horn Rapids Road  
Richland, Washington 99352-0130

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION, LOW LEVEL RADIOACTIVE WASTE  
(LLRW) SHREDDING AND URANIUM RECOVERY (TAC NO. L30896)

Dear Mr. Maas:

This refers to your application dated August 22, 1996, requesting the revision of License SNM-1227 to include LLRW shredding and uranium recovery from LLRW in a modular recovery unit as an authorized activity. Our review of the revision has identified additional information that is needed in the area of criticality safety before final action can be taken on your amendment request. This additional information is described in the enclosure to this letter.

The additional information should be provided in the form of responses to the individual comments within 30 days of the date of this letter. Please reference the above TAC number in future correspondence related to this request.

If you have any questions, please call me at 301-415-8119.

Sincerely,

Original signed by: MLamastra for

Kimberly J. Hardin  
Licensing Section 2  
Licensing Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

Docket 70-1257  
License SNM-1227

Enclosure: Additional Information

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in dark ink, appearing to read "Kimberly J. Hardin", is written over a horizontal line.

Kimberly J. Hardin  
Licensing Section 2  
Licensing Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

Docket 70-1257  
License SNM-1227

Enclosure: Additional Information

REQUEST FOR ADDITIONAL INFORMATION  
Application Dated August 22, 1996  
Siemens Power Corporation  
Docket No. 70-1257

Please provide the following information:

1. Provide a detailed process description, including details of items important to safety (i.e., describe the controls used to ensure criticality safety).
2. Provide a summary of the criticality safety analysis, including parameter safety limits and margins of safety and how they were derived.

ENCLOSURE