

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, LAGOON URANIUM RECOVERY/SOLIDS
PROCESSING FACILITY (LUR/SPF) (TAC NO. L30893)

Dear Mr. Maas:

This refers to your application dated July 30, 1996, requesting the revision of License SNM-1227 to add the SPF as an authorized location for uranium recovery. Our review of the revision has identified additional information that is needed in the areas of criticality safety, radiation protection, and environmental protection 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: SChotoo 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 cursive script, appearing to read "Kimberly J. Hardin", is written over the typed name.

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 July 30, 1996
Siemens Power Corporation
Docket No. 70-1257

Please provide the following information:

1. The description of the lagoon uranium recovery/solids processing facility (LUR/SPF) ventilation system does not include any liquid scrubbers for removal of off-gases from various chemical process tank. Please explain why scrubbers are considered unnecessary.
2. In Section 10.2.12.1, a limit of "8 MPC-hr" is established to activate the alpha air monitor alarm. These units should be converted to reflect the new 10 CFR Part 20 terminology (e.g., some fraction/multiple of the DAC).
3. Provide a detailed process description, including details of items important to safety (i.e., describe the controls used to ensure criticality safety).
4. Provide a summary of the criticality safety analysis, including parameter safety limits and margins of safety and how they were derived.

ENCLOSURE