May 13, 1997

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION, AMENDMENT APPLICATION DATED FEBRUARY 21 AND MARCH 7, 1997 (TAC NO. L30947)

Dear Mr. Mass:

This refers to your application dated February 21 and March 7, 1997, requesting the revision of License SNM-1227 to increase the batch size of hydrofluoric acid, decrease the face velocity of laboratory hoods, and change the calibration frequency of pencil dosimeters. Our review of the revision has identified additional information that is needed 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 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:

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

Docket 70-1257
License SNM-1227

Enclosure: Request for Additional Information

DISTRIBUTION: (Control No. 6EOS) [PARTIAL]

Docket 70-1257	PUBLIC	NRC File Center	Region IV
NMSS r/f	FCSS r/f	FCLB r/f	CHooker,RIV

[g:\hfbatch.rai]

OFC	FCLB	E	FCLB	E	FCLB	G	FCLB	
NAME	SChotoo	SC	KHardin		PShea		GPangburn	
DATE	5/9/97		5/9/97		5/9/97		5/13/97	

C = COVER E = COVER & ENCLOSURE N = NO COPY

OFFICIAL RECORD COPY

NRC FILE CENTER COPY

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 13, 1997

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION, AMENDMENT APPLICATION DATED FEBRUARY 21 AND MARCH 7, 1997 (TAC NO. L30947)

Dear Mr. Mass:

This refers to your application dated February 21 and March 7, 1997, requesting the revision of License SNM-1227 to increase the batch size of hydrofluoric acid, decrease the face velocity of laboratory hoods, and change the calibration frequency of pencil dosimeters. Our review of the revision has identified additional information that is needed 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 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,

Kimberly J. Hardin

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

Docket 70-1257
License SNM-1227

Enclosure: Request for Additional Information

Request for Additional Information
Application Dated February 21 and March 7, 1997
Siemens Power Corporation
Docket 70-1257

In the February 21, 1997 submittal, Siemens Power Corporation (SPC) requested to decrease the minimum average air velocity of laboratory hoods from 125 linear feet/minute (LFPM) to 80 LFPM. In support of this request, SPC included excerpts from the American Conference of Governmental Industrial Hygienists' "Industrial Ventilation Manual." These excerpts do explain that hood velocities of 80 LFPM are sufficient under certain circumstances. However, not included in SPC's submittal is the statement on page 4-11 of the same manual which states that for "low activity radioactive laboratory work, a laboratory fume hood may be acceptable. For such hoods, a minimum face velocity of 100 fpm is recommended" [1].

Please describe the materials used in the hoods, the type of work done, tracer testing, and/or other supporting information which demonstrates that the requested lower hood velocity will be sufficient to protect worker safety.

Reference 1. Committee on Industrial Ventilation, American Conference of Governmental Industrial Hygienists, Industrial Ventilation: A Manual of Recommended Practice, 19th ed., Cincinnati, OH, 1986.

ENCLOSURE