

January 28, 1997

Mr. L. E. Pevey, Chief  
Occupational Health and Safety  
Division  
U.S. Department of Commerce  
National Institute of Standards  
and Technology  
Building 301, Room B124  
Gaithersburg, Maryland 20899

SUBJECT: ADDITIONAL INFORMATION RENEWAL OF SNM-362 (TAC NO. L30878)

Dear Mr. Pevey:

This refers to your application dated June 28, 1996, requesting renewal of Materials License SNM-362.

Our review of your application has identified additional information that is needed before final action can be taken on your request. The additional information, specified in the enclosure, should be provided within 30 days of the date of this letter. Please reference the above TAC No. in future correspondence related to this request.

If you have questions regarding this matter, please contact me at (301) 415-8155.

Sincerely,

Original signed by:

Sean Soong  
Licensing Section 2  
Licensing Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

Docket 70-398  
License SNM-362

Enclosure: Additional Information

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Docket 70-398

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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, reading "Sean Soong", is written over the typed name.

Sean Soong  
Licensing Section 2  
Licensing Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

Docket 70-398  
License SNM-362

Enclosure: Additional Information

Request for Additional Information  
Application Dated June 28, 1996  
Department of Commerce  
National Institute of  
Standards and Technology  
Docket 70-398

Please provide the following information:

<u>Page</u>	<u>Comments</u>
I-1-2	Delete second and third sentences, "Radioactive materials ... described in Section 4.1.", in the definition of Radioactive Waste. They have been addressed in Section 4.1.
I-1-3	In Section 1.8, delete request of item C for disposal of waste by decay-in-storage method. This method is provided by 10 CFR 20.2001.
I-3-1	Please provide a technical justification for the statement that work requiring HEPA filters is suspended if readings (pressure drop indicator) or indications show the equivalent of four times the reading for clean or freshly installed filters.
I-3-2	In Section 3.2.3, the last sentence should be revised to state that all survey instruments used for radiation protection surveys should be routinely calibrated semiannually or after each repair that could affect the calibration of the instruments which ever one comes first.
I-3-3	<p>In Section 3.2.4, Bioassay program should be revised based on Regulatory Guide 8.9, "Acceptable Concepts, Models Equations, and Assumptions for a Bioassay Program," July 1993. This guide contains methods for evaluating bioassay data that are acceptable to the NRC staff for evaluating compliance with the dose limits of 10 CFR 20.1202.</p> <p>Section 3.2.4, should be added to state that air sampling in the workplace will be conducted based on the recommendations described in Regulatory Guide 8.25, "Air Sampling in the Workplace" June 1992.</p>
I-4-1	In Section 4.1, description of disposal of licensed material by decay-in-storage method should be revised to state that disposal of licensed material by decay-in-storage as specified in 10 CFR 20.2001(a)(2) must meet the requirements of 10 CFR 35.92, "Decay-in-storage."

ENCLOSURE

<u>Page</u>	<u>Comments</u>
I-4-1 (Continued)	Section 4.2, should include a listing of the location of environmental monitoring stations and the specific monitoring and analyzing techniques used.
II-10-3	Description of "decay-in-storage should be revised in accordance with NRC comments for page I-4-1.
II-12-2	Section 12.4, should be revised to clarify that Health Physics performs weekly routine radiation and contamination surveys of a laboratory involved with the use of radioactive material.
II-12-5	Please provide technical justification for controls and action levels for C <sup>14</sup> and H <sup>3</sup> in Table II 12-1.
II-12-6	Please provide a technical justification for the action levels of "25 percent environmental ALI" for environmental air and liquid effluents release in Table II, 12-2.