



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20566-0001

FEB 23 1994

Docket 70-398  
License SNM-362

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

Dear Mr. Pevey:

SUBJECT: DECOMMISSIONING FUNDING PLAN (TAC NO. L30550)

By letter dated November 10, 1993, we requested additional information concerning your cost estimate for decommissioning the NIST facilities licensed under SNM-362. In the letter, we referred you to Appendix F of Regulatory Guide 3.66 and Addendum 1 to NUREG/CR-1754, "Technology, Safety, and Costs of Decommissioning Reference Non-Fuel-Cycle Nuclear Facilities," which provides guidance on the types of information needed in support of the assumptions and bases used in the development of decommissioning cost estimates.

In reviewing your December 7, 1993, response to our request for additional information, we believe that you did not incorporate the guidance cited in our November 10, 1993, letter in that you did not provide the level of detail suggested (by examples) in NUREG/CR-1754. This level of detail is necessary to complete our review and approve your decommissioning funding plan. Accordingly, the enclosed questions and comments address the specific and detailed information as to how NIST arrived at the cost estimates that were provided in summary form in the earlier submittal.

2501  
9403040136 940203  
PDR ADOCK 07000398  
PDR

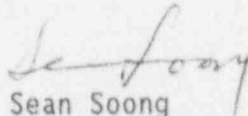
NFOS  
1/1

Mr. L. E. Pevey

3

Please provide your response within 30 days of the date of this letter. Please reference the above TAC NO. in future correspondence related to this request. Before submitting a written response, you may wish to meet with our staff to ensure that you have addressed our questions and comments accurately. Alternatively, should you wish to discuss this by telephone, please call Mr. Timothy C. Johnson at (301) 504-3603.

Sincerely,



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

Enclosure: As stated

Distribution w/encl. (Control No.170S)

Docket 70-398

PDR

NRC File Center

FCSS R/F

NMSS R/F

FCLB R/F

FCLS2 R/F

Region I

RRagland, RI

MAdams

OFC	FCLB	<i>PE</i>	FCLB	<i>ZE</i>	LLWM	<i>E</i>	FCLB	<i>E</i>
NAME	SSoong		<i>V</i> Harpe		TCJohnson		MTokar	
DATE	2/17/94		2/17/94		2/17/94		2/23/94	

[G:\ltrnist.ss]

Request for Additional Information  
Letter Dated December 7, 1993  
U.S. Department of Commerce  
Docket 70-398

A. Item 2 - Decontamination and/or Dismantling of  
Radioactive Facility Components

- a. With regard to glove boxes, fume hoods, lab benches, sinks, drains, ventilation ducts, and the amount of floor and wall space, provide the basis for the dimensions used for each item (e.g., please provide the basis for computing 7,356 m<sup>2</sup> of wall space).
- b. For Table 3, provide the basis for the labor workday estimates. Include sufficient detail to evaluate the tasks.
- c. With regard to Table 4, define the words "expendables" and "recoverable" and provide the basis for the estimated costs.

B. Item 3 - Packaging, Shipping, and Disposable of  
Radiation Wastes

With regard to Tables 5, 6, and 7, provide the basis for each of the costs associated with each activity.

C. Item 4 - Restoration of Contaminated Areas on  
Facility Ground

With regard to Table 8, is the concrete being removed included as part of the low-level disposal cost?

D. Item 5 - With regard to Table 9, please provide additional justification for the costs of the Final Radiation Survey.

From past experience, the staff estimates that the confirmatory survey by NRC's contractor alone will cost between \$50,000 and \$100,000. The confirmatory survey is typically a fraction of the licensee's final survey cost.