



DEPARTMENT OF THE NAVY
NAVAL OCEAN SYSTEMS CENTER
SAN DIEGO, CALIFORNIA 92152

IN REPLY REFER TO:

CFB:vt

10330

Ser 48/37

2 JUN 1978

From: Commander, Naval Ocean Systems Center
To: Director, Region V, U. S. Nuclear Regulatory Commission,
1990 N. California Boulevard, Walnut Creek, CA 94596

Subj: License No. SNM-1154

Ref: (a) NRC, Region V ltr of 28 April 1978

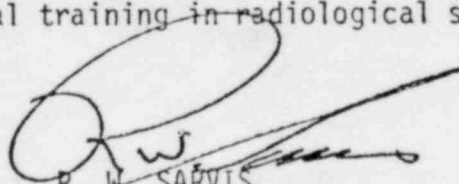
1. The following information is submitted concerning corrective measures taken in response to the Nuclear Regulatory Commission license infractions noted in reference (a):

a. Item 1. The two 40 gram Pu-238 heat sources cited in reference (a) have been removed from service and are being returned to the sponsoring agency. The actions and procedures taken to remove the sources received prior approval of the Ionizing Radiation Control Committee and the Radiological Safety Officer. Future operations involving licensed material will receive similar review and approval. It is considered that full compliance has been achieved as of the date of this letter.

b. Item 2. License Condition 12C requires the application of leak test standards to encapsulated sources. While cladding on the sources was intended to reduce external contamination levels, it was not meant to provide full encapsulation. The license application did not specify source encapsulation nor did the license issued by the Nuclear Regulatory Commission identify the sources as encapsulated. Upon receipt of reference (a) which described the sources as encapsulated, they were removed from service (10 May 1978).

c. Item 3. The subject air samples taken on 23 March 1978 were counted on 24 March 1978 and determined to be below the limits specified in 10 CFR 20, 103. The results were not logged immediately and subsequently became forgotten until April 1978. In the future all counting and evaluation results will be logged immediately upon receipt.

2. Steps to improve management controls over the radiation safety program will include more active participation by the Ionizing Radiation Control Committee and additional training in radiological safety by Safety Group personnel.


R. W. SARVIS
By direction

Copy to:
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