



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000
REGION I

IN REPLY REFER TO

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Ser N455C/N4U732539
3 January 2005

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

Ladies and Gentlemen:

SUBJECT: LOSS OF LICENSED MATERIAL

Loss of licensed material reportable under Title 10, Code of Federal Regulations, Part 20.2201 occurred with a hand held explosive detection (HHED) device. Naval Radioactive Materials Permit No. 13-00164-T1NP, which authorizes distribution and possession of the devices, was issued under the authority of the Nuclear Regulatory Commission Master Materials License No. 45-23645-01NA. The enclosed report provides information required by Title 10 Code of Federal Regulations, Part 20.2201(b).

Sincerely,

L. L. FRAGOSO
Commander, MSC, U.S. Navy
Executive Secretary
Naval Radiation Safety Committee

Enclosure: 1. Radioactive Material Loss Report

Copy to:
NAVSURWARCENDIV Crane
NAVSEADET RASO

RADIOACTIVE MATERIAL LOSS REPORT

1. The equipment involved is a hand-held explosive detection (HHED) device, serial number 09-9793. This item contains 10 millicuries of Ni-63 in a sealed source.
2. In January 2004, a shipment receipt confirmation was requested from the USS INGRAHAM for this device. It was confirmed in May 2004 that the device was not found on the USS INGRAHAM. Other ships docked during the same time period were notified to look for the lost item. In October 2004, the USS SHOUP responded that the device was not in their inventory and in November 2004 the USS RODNEY M. DAVIS responded that the device was not in their inventory. Its last verifiable location was at the TODD Pacific Shipyard in Seattle, Washington.
3. The investigation has not located the item, but it is believed to have been lost in the TODD supply system.
4. There is little or no potential for personnel exposure from this device.
5. NSWC Crane will continue to try to locate the item by monitoring the inventory serial numbers on the HHED devices.
6. There are no actions that can be taken to preclude future losses of these devices during shipment.