

RI - DNMS Licensee Event Report Disposition

Licensee:	Dept of Navy				
Event Description:	Loss of Licensed Material				
License No:	45-23645-01	Docket No:	03029462	MLER-RI:	2005-038
Event Date:	4-2005	Report Date:	6-9-05	HQ Ops Event #:	

1. REPORTING REQUIREMENT

<input type="checkbox"/>	10 CFR 20.1906 Package Contamination	<input type="checkbox"/>	10 CFR 30.50 Report
<input checked="" type="checkbox"/>	10 CFR 20.2201 Theft or Loss	<input type="checkbox"/>	10 CFR 35.3045 Medical Event
<input type="checkbox"/>	10 CFR 20.2203 30 Day Report	<input type="checkbox"/>	License Condition
<input type="checkbox"/>	Other _____		

2. REGION I RESPONSE

<input type="checkbox"/>	Immediate Site Inspection	Inspector/Date	
<input type="checkbox"/>	Special Inspection	Inspector/Date	
<input type="checkbox"/>	Telephone Inquiry	Inspector/Date	
<input type="checkbox"/>	Preliminary Notification/Report	<input type="checkbox"/>	Daily Report
<input checked="" type="checkbox"/>	Information Entered in RI Log	<input type="checkbox"/>	Review at Next Inspection
<input type="checkbox"/>	Report Referred To: _____		

REPORT EVALUATION

<input checked="" type="checkbox"/>	Description of Event	<input type="checkbox"/>	Corrective Actions
<input checked="" type="checkbox"/>	Levels of RAM Involved	<input type="checkbox"/>	Calculations Adequate
<input type="checkbox"/>	Cause of Event	<input type="checkbox"/>	Additional Information Requested from Licensee

MANAGEMENT DIRECTIVE 8.3 EVALUATION

<input type="checkbox"/>	Release w/Exposure > Limits	<input type="checkbox"/>	Deliberate Misuse w/Exposure > Limits
<input type="checkbox"/>	Repeated Inadequate Control	<input type="checkbox"/>	Pkging Failure > 10 rads/hr or Contamination > 1000x Limits
<input type="checkbox"/>	Exposure 5x Limits	<input type="checkbox"/>	Large# Indivs w/Exp > Limits or Medical Deterministic Effects
<input type="checkbox"/>	Potential Fatality	<input type="checkbox"/>	Unique Circumstances or Safeguards Concerns
If any of the above are involved:			
<input type="checkbox"/>	Considered Need for IIT	<input type="checkbox"/>	Considered Need for AIT

Decision/Made By/Date: _____

MANAGEMENT DIRECTIVE 8.10 EVALUATION (additional evaluation for medical events only)

<input type="checkbox"/>	Timeliness - Inspection Meets Requirements (5 days for overdose / 10 days for underdose)
<input type="checkbox"/>	Medical Consultant Used-Name of Consultant/Date of Report: _____
<input type="checkbox"/>	Medical Consultant Determined Event Directly Contributed to Fatality
<input type="checkbox"/>	Device Failure with Possible Adverse Generic Implications
<input type="checkbox"/>	HQ or Contractor Support Required to Evaluate Consequences

SPECIAL INSTRUCTIONS OR COMMENTS

* Under review during inspection

<input type="checkbox"/> Non-Public <input checked="" type="checkbox"/> Public-SISP REVIEW COMPLETE	Inspector Signautre: <u>[Signature]</u> Branch Chief Initials: <u>[Signature]</u>	Date: <u>7/15/05</u> Date: <u>7/15/05</u>
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DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, DC 20350-2000

IN REPLY REFER TO

5104
Ser N455C/N5U9011349
9 June 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 four chemical agent monitors (CAMs) and one automatic chemical agent detector alarms (ACADA). Naval Radioactive Materials Permit No. 10-67004-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:
CG MARCORLOGCOM
NAVSEADET RASO

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PERFORM 1

2005 JUN 13 PM 1:45

RADIOACTIVE MATERIAL LOSS REPORT

1. The equipment involved are four CAMs (serial numbers 12864, 13775, 14154, 14330) and one ACADA (serial number 03238). The CAMs contain one nickel-63 source, and the CAMS contain two nickel-63 sources. Each of the nickel-63 sources are 15 millicuries (maximum) activity as a sealed source.
2. In April 2005, while performing routine inventory it was identified that the five devices listed above were missing and considered lost. An extensive search was conducted however the devices remained unaccounted for as of 16 May 2005. The last known Marine Corps command to process the commodities is performing formal investigations to determine how and where these devices were lost.
3. The last known location of CAMs serial numbers 12864 and 13775 is Camp Lejeune North Carolina. The last known location of CAM serial numbers 14154 and 14330 is Marine Corps Base, Kaneohe Bay, Hawaii. The last known location of ACADA serial number 03238 is Camp Lejeune North Carolina. All of the items are believed to have been lost either during preparations for deployment, during transit overseas, or in the theater of operations.
4. There is little or no potential for personnel exposure from these devices.
5. Efforts to locate the material continues through the command investigation and by working with other Department of Defense elements to determine if the material was transferred.
6. Procedures for tracking and accounting for CAMs and ACADAs are being reviewed to determine what, if any changes are necessary.