

## RI - DNMS Licensee Event Report Disposition

Licensee:	Dept of Navy				
Event Description:	Loss of Licensed Material				
License No:	45-23645-DNMA	Docket No:	03089462	MLER-RI:	2005-015
Event Date:	1-25-05	Report Date:	3-05	HQ Ops Event #:	

1. REPORTING REQUIREMENT

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

<input type="checkbox"/> Immediate Site Inspection <input type="checkbox"/> Special Inspection <input type="checkbox"/> Telephone Inquiry <input type="checkbox"/> Preliminary Notification/Report <input checked="" type="checkbox"/> Information Entered in RI Log <input type="checkbox"/> Report Referred To: _____	<table style="width: 100%;"> <tr> <td style="width: 50%;">Inspector/Date</td> <td style="width: 50%;"></td> </tr> <tr> <td>Inspector/Date</td> <td></td> </tr> <tr> <td>Inspector/Date</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Daily Report</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Review at Next Inspection</td> <td></td> </tr> </table>	Inspector/Date		Inspector/Date		Inspector/Date		<input type="checkbox"/> Daily Report		<input type="checkbox"/> Review at Next Inspection	
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<input type="checkbox"/> Daily Report											
<input type="checkbox"/> Review at Next Inspection											

3. REPORT EVALUATION

<input checked="" type="checkbox"/> Description of Event <input checked="" type="checkbox"/> Levels of RAM Involved <input checked="" type="checkbox"/> Cause of Event	<input checked="" type="checkbox"/> Corrective Actions <input checked="" type="checkbox"/> Calculations Adequate <input type="checkbox"/> Additional Information Requested from Licensee
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4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

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

<input checked="" type="checkbox"/> Public	Inspector Signature: <u>[Signature]</u>	Date: <u>5/25/2005</u>
<input type="checkbox"/> Non-Public	Branch Chief Initials: <u>[Signature]</u>	Date: <u>5/25/2005</u>



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/N45U9011244  
4 March 2005

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

Gentlemen:

SUBJECT: LOSS OF LICENSED MATERIAL

Loss of licensed material reportable under Title 10, Code of Federal Regulations, Part 20.2201 occurred with an In-Flight Blade Inspection System. Naval Radioactive Materials Permit No. 19-00019-T5NP, which authorizes distribution and possession of the devices, was issued under the authority of 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:  
COMNAVAIRSYSCOM (AIR-7.10.1)  
NAVSEADET RASO

05 MAR 11 P2:07

RECEIVED  
DIVISION 1

## RADIOACTIVE MATERIAL LOSS REPORT

1. The material involves seven In-Flight Blade Inspection System (IBIS) indicators installed on a CH-53E aircraft. Each IBIS contains 500 microcuries of Sr-90. The serial numbers of the lost IBIS are 553, 1090, 2034, 2099, 2342, 2535 and 2932.
2. On 25 January 2005, a CH-53E aircraft was forced to land on the ocean's surface in the Virginia Capes Operating Area and subsequently sank. The site location is 36° 35.4'N, 075° 18.1'W. The aircraft is in approximately 80 feet of water.
3. The indicators were lost at sea with the aircraft.
4. There is no potential for personnel exposure from this device.
5. Salvage and recovery effort is planned upon favorable weather conditions.