

Region I - DNMS Licensee Event Report

Licensee: Regional Nuclear Pharmacy
 Event Description: Lost Exempt Quality Seal
Source - Cold Cup

License No: 29-30467-01 Docket No: 03036472 MLER-RI: 2005-004
 Event Date: 1-25-05 Report Date: 1-25-05 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	<u> </u>
<input type="checkbox"/>	Special Inspection	Inspector/Date	<u> </u>
<input checked="" type="checkbox"/>	Telephone Inquiry	Inspector/Date	<u>Beardsley 1/26/05</u>
<input type="checkbox"/>	Preliminary Notification/Report	<input type="checkbox"/>	Daily Report
<input checked="" type="checkbox"/>	Information Entered in RI Log	<input checked="" type="checkbox"/>	Review at Next Inspection
<input type="checkbox"/>	Report Referred To: _____		

3. REPORT EVALUATION

<input checked="" type="checkbox"/>	Description of Event	<input checked="" 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

4. 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: _____			

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

<input type="checkbox"/>	Timeliness - Inspection Meets Requirements (5 days for overexposure / 10 days for underexposure)
<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

6. SPECIAL INSTRUCTIONS OR COMMENTS

Public: Signature: Beardsley
 Non-Public: Date: 2-1-05

Regional Nuclear Pharmacy
30 Murray Hill Parkway, Suite 450
East Rutherford, New Jersey 07073
(201) 438-4044

January 27, 2005

Michelle Beardsley, License Reviewer
Licensing Assistance Section
Nuclear Medicine Safety Branch
Division of Radiation Safety and Safeguards
U.S. Nuclear Regulatory Commission, Region I
475 Alendale Road
King of Prussia, PA 19406-1415

RE: License Number: 29-30867-01
Reporting of Lost Exempt Quantity Sealed Source - Co-60 Rod

Dear Ms. Beardsley:

Pursuant to our conversation on January 26, 2004, the following information has been prepared to report a lost **Co-60 Rod Source: .08920 uCi on January 1, 2004; Manufactured by IPL; S/N: 1030-15-2.** This source was used to perform calibrations on counting devices used in the PET lab. This letter has been prepared to outline our investigation, notification and corrective action.

Investigation:

On January 24, 2005, I was conducting the quarterly inventory of the sealed sources used for instrument calibrations. Through this process the Cobalt-60 rod source could not be located by this consultant. Over the next 24 hours, the PET staff made attempts to find the missing source. However these attempts were unsuccessful.

On January 25, 2005, I contacted the NRC operations center to inform them of the missing source. Prior to this phone conversation, it was determined the source in question was an exempt quantity source (<1.0 uCi) and did not require regulatory notification.

However, we contacted the NRC as a courtesy, in the event our lost source was found in an unrestricted location.

On January 26, 2005, I received your call requesting a written report of the incident.

Corrective Action:

1. The PET staff will conduct a daily inventory of the sealed sources used for instrument calibration purposes. The inventory will be documented and summary results placed on file for future inspection.

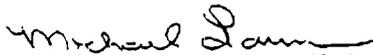
If a sealed source cannot be accounted for, the radiation safety officer and facility manager will be immediately contacted by the PET staff. The radiation safety officer will conduct a search of the premises in an attempt to locate the source in question.

2. All sealed sources identified on the inventory will be stored behind the L-shield located in the fume hood of the main lab
3. The importance of sealed source storage and source security was reviewed with the PET staff. Through this educational review, its anticipated the PET staff will better manage the use and storage of these devices.

If additional corrective action is required, it will be immediately implemented by the radiation safety staff.

If additional information is needed, please contact me at (201) 693-2277.

Sincerely,


Michael W. Lairmore, M.S.
Radiation Safety Officer