

RI - DNMS Licensee Event Report Disposition

Licensee: St Peter's Medical Center

Event Description: _____

License No: 29-07566-02 Docket No: 030 00359 MLER-RI: 2005-051
 Event Date: 7-15-05 Report Date: 7-28-05 HQ Ops Event #: _____

1. REPORTING REQUIREMENT

<input type="checkbox"/>	10 CFR 20.1906 Package Contamination	<input type="checkbox"/>	10 CFR 30.50 Report
<input 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 checked="" type="checkbox"/>	Other <u>None</u>		

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 checked="" type="checkbox"/>	Review at Next Inspection
<input type="checkbox"/>	Report Referred To: _____		

3. REPORT EVALUATION

--- report is State of NJ inspection report

<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 checked="" type="checkbox"/>	Cause of Event	<input type="checkbox"/>	Additional Information Requested from Licensee

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

N/A

<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
<input type="checkbox"/>	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)

N/A

<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

6. SPECIAL INSTRUCTIONS OR COMMENTS

inspection report provided by State of NJ regarding inadequate survey of DC-984y

Public Inspector Signature: Pandra Sobel Date: 8-15-05
 Non-Public Branch Chief Initials: PL Date: 8-15-05



State of New Jersey

Department of Environmental Protection

Division of Environmental Safety & Health
Radiation Protection & Release Prevention Element
Bureau of Environmental Radiation
Radioactive Materials Section
PO Box 415
Trenton, NJ 08625-0415
Phone (609)-984-5462
Fax (609)-633-2210

Richard J. Codey
Acting Governor

Bradley M. Campbell
Commissioner

29-07566-02
030-00359

July 28, 2005

Anthony Costabile
St. Peter's Medical Center
254 Easton Avenue
New Brunswick, NJ 08903

Dear Mr. Costabile:

SUBJECT: Inspection Report

This letter is in reference to the inspection conducted on July 15, 2005 by Mr. James T. McCullough of the Department of Environmental Protection's Bureau of Environmental Radiation of activities authorized by New Jersey State Radioactive Materials License **70069/01** and to the discussion of the inspection findings with Ms. Michelle Wall, Ms. Karen J. Plesher, and Mr. Robert J. Tokarz at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and compliance with NJSA Title 26:2D, the Radiation Protection Act, NJAC 7:28, the Radiation Protection Code and to conditions of your State Radioactive Materials License. The inspection consisted of selective examinations of procedures, representative records, interviews with personnel and measurements and observations made by the inspector.

During the inspection, one item of noncompliance regarding failures to confine possession and use of radioactive material to the locations authorized by your State radioactive material license was noted. Correspondence regarding this matter will follow under separate cover.

RECEIVED
REGION 1
2005 AUG 10 PM 1:48

In addition to the items of noncompliance regarding the use of New Jersey licensed radioactive materials, activities involving radioactive material not licensed by the State of New Jersey appeared not to be in full compliance with your facility's Radiation Safety Program. Specifically, contamination emanating 7.0 mR/hr, as measured with your own survey meter (Biodex 14-C, serial number 123159), near contact with the right side of the cardiac stress treadmill was found prior to any administrations being performed in that room. Records of area surveys performed at the end of the prior day showed no levels elevated above background. A discussion with Nuclear Medicine staff revealed that Technetium-99m is the sole isotope used in the stress treadmill room and it was presumed to be the nature of the contaminant. The inspector demonstrated the exposure rates to the chief technologist to show that the contamination should have been identified during an adequate end-of-day area survey. The contaminated area was cleaned, covered with lead shielding and surveyed by another nuclear medicine technologist. The lead sheet offered enough shielding to allow use of the room to continue. This incident should stress the importance of conducting thorough end-of-day area surveys. Appropriate survey methods should have identified the spill.

No reply to this report is required. A copy of this letter is being forwarded to the United States Nuclear Regulatory Commission (USNRC). If you should have any questions concerning this inspection or any related matter, please contact this office at (609) 984-5462.

Sincerely,



William Csaszar, License Administrator
Radioactive Materials Section

c: NRC Region I