

RI - DNMS Licensee Event Report Disposition

Licensee:	St James Hospital, Newark, NJ				
Event Description:	Contamination Emanating 8,000 Counts Per Minute Near Contact				
License No:	29-12997-01	Docket No:	03002566	MLER-RI:	2005-028
Event Date:	4-7-05	Report Date:	05-4-05	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>not reportable</u>	

2. REGION I RESPONSE

<input type="checkbox"/> Immediate Site Inspection	Inspector/Date	Shirley Xu / 5/25/05
<input type="checkbox"/> Special Inspection	Inspector/Date	
<input checked="" 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

<input checked="" type="checkbox"/> Description of Event	<input checked="" type="checkbox"/> Corrective Actions
<input checked="" type="checkbox"/> Levels of RAM Involved	<input checked="" type="checkbox"/> Calculations Adequate
<input checked="" type="checkbox"/> Cause of Event	<input checked="" type="checkbox"/> Additional Information Requested from Licensee <i>Provided 5/25/05</i>

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

<input checked="" type="checkbox"/> Release w/Exposure > Limits	<input checked="" type="checkbox"/> Deliberate Misuse w/Exposure > Limits
<input type="checkbox"/> Repeated Inadequate Control	<input type="checkbox"/> Pkgng 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 checked="" type="checkbox"/> If any of the above are involved: Considered Need for IIT	<input checked="" type="checkbox"/> Considered Need for AIT
Decision/Made By/Date: _____	

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

<input checked="" 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 checked="" type="checkbox"/> HQ or Contractor Support Required to Evaluate Consequences

6. SPECIAL INSTRUCTIONS OR COMMENTS

follow up at next inspection.

<input checked="" type="checkbox"/> Public	Inspector Signature: <u>Shirley Xu</u>	Date: <u>5/25/05</u>
<input type="checkbox"/> Non-Public	Branch Chief Initials: <u>JH</u>	Date: <u>6/3/05</u>



State of New Jersey

Department of Environmental Protection

Division of Environmental Safety & Health

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

May 4, 2005

Ceu Cirne-Neves
St. James Hospital
155 Jefferson Street
Newark, New Jersey 07105

05
MAY 16 P 1 54
RECEIVED
REGION 1

Dear Mr. Cirne-Neves:

SUBJECT: Inspection Report

This letter is in reference to the inspection conducted on April 7, 2005 by Richard Peros of the Department of Environmental Protection's Bureau of Environmental Radiation of activities authorized by New Jersey State Radioactive Materials License 70034/01 and to the discussion of the inspection findings with Ms. Colleen Aurori, Dr. Suresh Mody and Mr. Xavier Joseph 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 and representative records, interviews with personnel and measurements and observations made by the inspector.

Within the scope of this inspection, no items of noncompliance were detected.

However, 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 8,000 counts per minute near contact was found. An examination of the dose administration records showed that Technetium-99m is the sole cardiac imaging isotope used in liquid form at this facility, so it was presumed that this was the identity of the contaminant. The inspector demonstrated the contamination to the chief nuclear medicine technologist, Mr. Xavier Joseph. Mr. Joseph immediately decontaminated the treadmill. According to surveys recorded by Mr. Joseph before leaving on April 6, 2005, the area in question showed no readings elevated above background. This was discussed with Mr. Joseph and he indicated a more thorough survey will be conducted in the future.

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,

A handwritten signature in black ink that reads "William P. Csaszar". The signature is written in a cursive style with a large, sweeping initial 'W'.

William Csaszar, License Administrator
Radioactive Materials Section

c: NRC Region I /

U.S. NUCLEAR REGULATORY COMMISSION		Conversation Date: 5/25/2005	
TELEPHONE CONVERSATION RECORD		Time: 1330 hours	
Mail Control No.:	License No.:	Docket No.:	
License Event Report 2005-028	29-12997-01	03002566	
Licensee/Applicant Participant(s):	Organization:	Telephone No.:	
Xavier Joseph, Manager, Nuclear Medicine	St. James Hospital	973.465.2811	
Person(s) Calling: Shirley Xu, RI			
Subject: Contamination of Tc99m			
Summary:			
<p>The following issue have been discussed with Mr. Joseph</p> <ol style="list-style-type: none"> 1. The contamination was found on the handle of a treadmill by a NJ inspector. 2. The only isotope used in was Tc99m. 3. Mr. Joseph clean the contaminated area and re-wipe the handle, it was decontaminated. 4. Corrective action has been instated with a more thorough survey in the future. 			
Action Required/Taken: place it in ADAMS			
Prepared By: S Xu		Date: 05/25/2005	