

## RI - DNMS Licensee Event Report Disposition

Licensee:	MC Squared, Inc.				
Event Description:	Lost Gauge				
License No:	09-31230-01	Docket No:	030-37435	MLER-RI:	2007-005
Event Date:	03/15/07	Report Date:	04/10/07	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 checked="" type="checkbox"/>	Special Inspection	Inspector/Date	Lodhi 3/15/07
<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 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 checked="" 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
<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)**

<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 conducted on 3/15/07. Findings being canceled.

<input type="checkbox"/> Non-Public	Inspector Signature: <u>Satish Lodhi</u>	Date: <u>4/14/07</u>
<input checked="" type="checkbox"/> Public-SUNSI REVIEW COMPLETE	Branch Chief Initials: <u>M. Miller</u>	Date: <u>5/1/07</u>



5905 - G Breckenridge Parkway, Tampa, Florida 33610  
Phone: (813) 623-3399 Fax: (813) 623-6636

To: Sattar Lodhi

From: ~~Blacked out name~~

Chris DiViccario, RSO

Fax: (610) 337-5269

Pages: 2 (including cover)

Phone: (610) 337-5364

Date: 4-10-07

Re: Missing gauge statement

Urgent

For Review

As Requested

Please Reply

Sattar,  
I faxed this last week, I got your message today stating you had not received it, so here it is again. Let me know that you received it. Thank you.

- Chris

On the afternoon of Wednesday, March 7<sup>th</sup>, 2007, I received a phone call from Pamela Horan at approximately 12:30 pm. She informed me that she did not know where her Troxler nuclear gauge model number 3411-B was (containing cesium 137, not exceeding 9 millicuries and americium 241:beryllium, not exceeding 44 millicuries) After determining that it was not in its storage location and was indeed missing, I informed Joe DiStefano that we would need to file a police report and notify the state of this incident. I immediately left Tampa and traveled to the Big Cypress project site to investigate and get the full story.

This is the information I received from Pamela Horan:

On Friday, March 2nd, Pam returned the gauge to its storage location in the project trailer on the Big Cypress project. She states she remembers locking the deadbolt on both doors to the trailer. She then left the project to attend her ACI recertification exam in Orlando, scheduled for Saturday afternoon. She returned to the project site on Monday morning, March 5<sup>th</sup>, and thinks she unlocked the door. The gauge was not needed on Monday or Tuesday. On Wednesday, while mopping the floors of the trailer, she noticed that the gauge was missing. She checked the entire trailer, her personal trailer in the RV park, the project, roads and anywhere else she could think of. It was not found. She then phoned myself and Joe DiStefano and informed us it was missing. She was instructed to phone the police and file a report on stolen property, which she did. At this time, the police report is not available. I have been calling daily for a copy of it and when it is available, a copy will be forwarded to the NRC. I then notified the state that it was missing. At this time they informed me that due to being on Seminole Tribal ground, it was out of their jurisdiction and told me I would have to report the missing gauge to the NRC. I immediately did just that. We furnished Pamela with a flyer to post everywhere possible stating a \$500 reward for the return of the gauge. There was no sign of forced entry into the trailer and Pamela states she has the only two keys for the locks. She did not have two locks before the gauge case, just the one deadbolt. She also did not have the gauge case chained to anything inside the trailer. The case itself was locked, and the trigger was locked also to the best of her memory. At this point I awaited the NRC's arrival to assist them in their investigation.

Individual exposure to radiation is unable to be determined. Flyers have been posted and Pam will continue to check the local police for sign of the gauge. The storage trailer has since been secured with the correct locks per the license requirements.

Christopher DiViccaro  
RSO  
MC Squared, Inc.