

RI - DNMS Licensee Event Report Disposition

Licensee:	Integrity Test Lab				
Event Description:	10 CFR Section 20.2202(b)(1) - PERS Overexposure/TEDE = 5				
License No:	07-30791-01	Docket No:	0303477	MLER-RI:	2011-017
Event Date:	08/24/11	Report Date:	08/25/11	HQ Ops Event #:	47197

1. REPORTING REQUIREMENT

<input type="checkbox"/> 10 CFR 20.1906 Package Contamination <input type="checkbox"/> 10 CFR 20.2201 Theft or Loss <input type="checkbox"/> 10 CFR 20.2203 30 Day Report <input checked="" 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 <div style="border: 1px solid black; padding: 2px; display: inline-block;">20.2202 30 day report</div>
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2. REGION I RESPONSE

<input checked="" type="checkbox"/> Immediate Site Inspection <input checked="" 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:	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Inspector/Date SWilson / Aug 26, 2011</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Inspector/Date</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Inspector/Date</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Daily Report</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Review at Next Inspection</div>
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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 checked="" 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 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"/> Pkging 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

Public - Additional Info letter dtd Oct 17, 2011
 Non-Public - Report

Inspector Signature:	Date: 10/25/11
Branch Chief Initials:	Date: 10/28/11

☐ Public-SUNSI REVIEW COMPLETE

2 N N 0 Hot Standby 0 Hot Standby

Event Text**UNUSUAL EVENT DECLARED DUE TO AN AFTERSHOCK EARTHQUAKE**

On August 25th at 0118 EDT, North Anna Power Station declared an Unusual Event due to seismic activity onsite (EAL HU 1.1). Both units are currently shutdown and electrical power is being supplied from offsite. There were no personnel injuries. There was no radiological release. Site structure and system inspections are in progress. No damage has been identified.

The NRC Resident Inspector and state and local authorities have been notified.

* * * UPDATE FROM JOHN BALTOR TO ERIC SIMPSON AT 1215 EDT ON 8/25/11 * * *

At 1149 EDT another minor tremor was felt at the station. No geological information is available at this time. There is no immediate indication of any equipment damage. Walkdowns are being performed at this time.

North Anna Emergency Management indicated that there was currently no plan to secure from the Notification of Unusual Event until there is sufficient indication that the station will not experience any additional aftershocks to prevent having to re-enter an emergency status once exited.

The current status of North Anna, Unit 1 is Mode 5. Unit 2 is in Mode 3 in preparation for cool down.

The licensee will verify that the NRC Resident Inspector is notified.

Notified IRD (Marshall), NRR (Thorp), and R2DO (Widmann).

TOP

Non-Agreement State
Rep Org: INTEGRITY TESTLAB
Licensee: INTEGRITY TESTLAB
Region: 1

City: NEW CASTLE State: DE

County:

License #: 07-30791-01

Agreement: N

Docket:

NRC Notified By: WILLIAM BATTING

HQ OPS Officer: ERIC SIMPSON

Emergency Class: NON EMERGENCY

10 CFR Section:

20.2202(b)(1) - PERS OVEREXPOSURE/TEDE >= 5 REMANGELA MCINTOSH (FSME)

Event Number: 47197

Notification Date: 08/25/2011

Notification Time: 11:50 [ET]

Event Date: 08/24/2011

Event Time: 09:17 [EDT]

Last Update Date: 08/25/2011

Person (Organization):

PAUL KROHN (R1DO)

Event Text**RAD WORKER DOSIMETRY IN EXCESS OF EXPOSURE LIMITS**

"At 0917 EDT on 8/25/11, Integrity Testlab received a facsimile notification from Integrity Testlab's dosimeter processor, Landauer, that an assistant radiographer's July 2011 dosimeter had received/recorded 9.587 R.

"According to the assistant radiographer, his dosimeter had come off his work clothes during radiographic operations on 7/29/11. When he discovered that his film badge was not on his work clothes, he looked for and found the dosimeter near the exposure device. He believes that his dosimeter had 4 or 5 exposures during the time the dosimeter was near the exposure device.

"The exposure time for each exposure was about 40 seconds in length. On 8/2/11, the assistant radiographer informed the RSO what had occurred on 7/29/11. The RSO instructed the assistant to complete a statement on what transpired on that date. The RSO verified the assistant's statement with the radiographer.

"The RSO verbally instructed the assistant how to best secure the dosimeter on the rate alarm meter pouch and to periodically check that all required dosimetry remains on his person during radiographic operations.

"The RSO reviewed all daily pocket dosimeter readings recorded for the month of July. He determined that the assistant had performed radiography for a total of 9 days in July. The RSO also noticed that he had performed radiography with the same

radiographer 8 of those 9 days. The radiographer's pocket dosimeter reading recorded 200 mR, while his assistant's daily readings totaled 201 Mr. The RSO contacted Landauer in order to get the radiographer's July recorded dosimeter results and Landauer verbally informed the RSO that the total was 87mR for the month of July for the radiographer.

"After reviewing all documentation, the RSO believes that the assistant's dosimeter was accidentally exposed to excessive radiation and that this was not an actual overexposure. Furthermore, the RSO intends to inform all personnel involved in Integrity Testlab's Radiation Safety Program about this event and to instruct the personnel on the importance of securing their dosimetry on their person.

"An 880 Sigma device was involved during this occurrence and it had contained Ir -192, 55.5 Ci."

TOP

Power Reactor	Event Number: 47198
Facility: NORTH ANNA	Notification Date: 08/25/2011
Region: 2 State: VA	Notification Time: 17:14 [ET]
Unit: [] [2] []	Event Date: 08/25/2011
RX Type: [1] W-3-LP,[2] W-3-LP	Event Time: 16:10 [EDT]
NRC Notified By: DON TAYLOR	Last Update Date: 08/25/2011
HQ OPS Officer: BILL HUFFMAN	
Emergency Class: NON EMERGENCY	Person (Organization):
10 CFR Section:	MALCOLM WIDMANN (R2DO)
50.72(b)(2)(xi) - OFFSITE NOTIFICATION	

Unit	SCRAM	Code	RX	CRIT	Initial	PWR	Initial	RX	Mode	Current	PWR	Current	RX	Mode
2		N		N		0		Hot	Standby		0		Hot	Shutdown

Event Text

NOTIFICATION TO OFFSITE AGENCY REGARDING AN ONSITE OIL SPILL

"At 1610 EDT on August 25, 2011 the Virginia Department of Environmental Quality was notified of an oil spill that occurred at 1900 EDT on August 24, 2011. The spill was approximately 150 gallons to the gravel outside the North Anna Unit 2 Turbine Building. The event occurred while purging CO2 from the Unit 2 Main Generator with air. Standing oil from the gravel was pumped to barrels and oil soaks were applied to the remaining oil. Clean up of the gravel areas continued."

The NRC Resident Inspector has been notified in addition to the state and local authorities.

Page Last Reviewed/Updated Friday, August 26, 2011

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