

## RI - DNMS Licensee Event Report Disposition

Licensee: Valley Hospital (The)

Event Description: 10 CFR 35.3045(a)(3) - Dose to Other Site > Specified Limits

License No: 29-03845-0 Docket No: 63002474 MLER-RI: 2009-015  
 Event Date: 8/6/09 Report Date: 8/11/09 HQ Ops Event #: 45250

1. REPORTING REQUIREMENT

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

2. REGION I RESPONSE

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

3. REPORT EVALUATION

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
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5. MANAGEMENT DIRECTIVE 8.10 EVALUATION (additional evaluation for medical events only)

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

6. SPECIAL INSTRUCTIONS OR COMMENTS

Print Event No. 45250 only for inclusion in LER

Non-Public Inspector Signature: [Signature] Date: 9/14/09  
 Public-SUNSI REVIEW COMPLETE Branch Chief Initials: [Signature] Date: 9/14/09

"7/21/09 1320 Received a call from the RSO. He stated that he had just received a call from his dosimetry processor informing him that the same individual's badge for the exposure period of May 10, 2009, and June 9, 2009, was 17,840 millirem. The RSO stated that he was making arrangements to have a medical exam for the individual done. He was also going to contact REACTS again to seek advice on how to proceed.

"7/21/09 1530 The RSO for Radiographic Specialist contacted the Agency [Texas Department of Health] and stated that they had scheduled the worker for blood test and that REACTS had shipped him a study kit to analyze the workers blood to help determine if he had received the dose indicated by his badge. REACTS stated that it would take a few weeks after they received the sample to have the results. I told the RSO that the Agency [Texas Department of Health] is planning to conduct their investigation at his facility on July 29, or 30, 2009, and requested copies of the dosimetry processors reports for the individual.

"7/21/09 1614 Received the dosimetry reports. The report for the June 2009 period indicates 9,470 millirem for the exposure period. The processor states that the reading appears normal and they cannot determine if the exposure is static or dynamic. No radioactive contamination was found on the film. The film for the May exposure period indicates 17,840 millirem and the reading also appears normal and they cannot determine if the exposure is static or dynamic. No radioactive contamination was found on the film. The RSO still believes that this is a badge only exposure.

"Additional information

"On August 6, 2009, the Licensee provided a copy of the Cytogenetic Biodosimetry report from Cytogenetic Biodosimetry Laboratories - REAC/TS performed on their employee reported as receiving the overexposure. The initial report indicated that the dose received was not significantly different from background. The Agency [Texas Department of Health] requested clarification of what REAC/TS used as a background. On August 12, 2009, the licensee provided a copy of a document from REAC/TS, which indicated that their background would be a dose of 14 rad for the study conducted. The Agency will perform an on-site investigation of the event on or about August 19, 2009."

Notified the R4DO (Whitten) and FSME (McIntosh).

TOP

Hospital	Event Number: 45250
Rep Org: VALLEY HOSPITAL Licensee: VALLEY HOSPITAL Region: 1 City: RIDGEWOOD State: NJ County: BERGEN License #: 29-03845-01 Agreement: N Docket: NRC Notified By: TKI CHAK HQ OPS Officer: VINCE KLCO	Notification Date: 08/07/2009 Notification Time: 17:32 [ET] Event Date: 08/06/2009 Event Time: 17:00 [EDT] Last Update Date: 08/11/2009
Emergency Class: NON EMERGENCY 10 CFR Section: 35.3045(a)(3) - DOSE TO OTHER SITE > SPECIFIED LIMITS	Person (Organization): MEL GRAY (R1DO) KEITH McCONNELL (FSME)

**Event Text**

POTENTIAL DOSE TO WRONG SITE

A patient with radiation seed prostate implants came back to the facility to have a CAT Scan. Based on the CAT Scan results, the physician suspects the improper positioning of the radiation seed implants. Due to the patient's medical condition the hospital cannot conduct a verification CAT Scan with contrast material. The patient plans to return to the hospital at a later date. A hospital review of the patient's treatment is ongoing.

\* \* \* UPDATE FROM TKI CHAK TO JOHN KNOKE AT 1530 ON 08/11/09 \* \* \*

The licensee confirmed that the patient had improper positioning of the radiation seed implants. This was considered an under dose to the patient since the seeds went into the tissue and not the prostate. The patient was advised by the physician and will receive a follow-on treatment with a tomotherapy procedure.

Notified FSME (Andrew Mauer) and R1DO (William Cook).

A Medical Event may indicate potential problems in a medical facility's use of radioactive materials. It does not necessarily result in harm to the patient.

TOP

General Information or Other	Event Number: 45257
Rep Org: NC DIV OF RADIATION PROTECTION Licensee: PARKDALE MILLS, INC. Region: 1 City: GASTONIA State: NC County: License #: 036-0521-OG Agreement: Y Docket: NRC Notified By: HENRY BARNES HQ OPS Officer: JASON KOZAL	Notification Date: 08/11/2009 Notification Time: 14:50 [ET] Event Date: 08/11/2009 Event Time: [EDT] Last Update Date: 08/14/2009
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): WILLIAM COOK (R1DO) ANGELA MCINTOSH (FSME) ILTAB VIA E-MAIL ()

This material event contains a "Less than Cat 3" level of radioactive material.

### Event Text

#### AGREEMENT STATE - LOST STATIC ELIMINATORS

The State of North Carolina discovered 2 missing static eliminators containing 500 microCi of Po-210 and 80 microCi of Am-241. The licensee was billed for the annual fees related to these gages and notified the State that they no longer had the gages in their possession. The State sent an inspector to investigate the situation.

The inspector discovered that the manufacturing facility had been relocated to Vietnam 3 years ago. When this occurred the licensee believes it is possible that the sources were relocated with the majority of the manufacturing facility assets to the Vietnam location at that time.

The State is continuing to follow-up with the licensee to determine disposition of these sources.

\* \* \* UPDATE ON 8/13/09 AT 1022 EDT FROM BARNES TO HUFFMAN \* \* \*

A representative of the State of North Carolina provided the following additional information about the lost sources:

The Am-241 source was manufactured by Pyrotronics. Model number F315A. Serial Number 1000635. Date received - 1971

The Po-210 source was manufactured by Nuclear Products. Model number 2U500. Serial Number Unknown. Date received - 1989

R1DO (Cook) and FSME (McIntosh) have been notified of this update.

THIS MATERIAL EVENT CONTAINS A "LESS THAN CAT 3" LEVEL OF RADIOACTIVE MATERIAL