

Date: August 17, 2005

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-I-05-023A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility

TJUH, Inc.
111 South 11th Street
Philadelphia, Pennsylvania

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

Docket No.: 03002941

License No.: 37-00148-06

SUBJECT: UPDATE TO IODINE-131 CONTAMINATION EVENT RESULTING IN A SKIN EXPOSURE LIKELY TO EXCEED 50 REM (0.5 Sv)

On August 16, 2005, Region I performed a reactive inspection at TJUH, Inc. to review the licensee's investigation regarding an occupational overexposure to the skin that occurred on August 11, 2005. Then at 2:55 p.m., the licensee contacted the NRC Operations Center to clarify the exposed individual as a nuclear medicine technologist. In addition, the licensee stated that a routine bioassay of the technologist's thyroid, conducted approximately 26 hours after the iodine-131 administration, identified an iodine-131 uptake and prompted the licensee to perform a skin contamination survey of the technologist. Based on the licensee's investigation as of August 17, 2005, the licensee estimates that the final skin dose will be approximately 130 rad and the final thyroid dose will be 556 millirem. The licensee's investigation is continuing and the results will be submitted with its 30 day report.

The Commonwealth of Pennsylvania has been updated regarding this event. The Region I Office of Public Affairs is prepared to respond to media inquiries. This information is current as of 11:30 a.m., August 17, 2005.

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