



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 17, 2007

Docket No. 03011318

License No. 29-08636-02

Jay Russell, General Manager
Princeton Technology Center
Division of Schlumberger Technology Corporation
20 Wallace Road
Princeton Junction, NJ 08550

SUBJECT: INSPECTION 03011318/2007001, PRINCETON TECHNOLOGY CENTER,
DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION,
PRINCETON JUNCTION, NEW JERSEY

Dear Mr. Russell:

Between November 22, 2006, and April 13, 2007, Todd Jackson of this office conducted an in-office inspection of events reported to NRC by Princeton Technology Center's Radiation Safety Officer, Tom Bracke, on November 22, 2006, and March 5, 2007. The first event involved the apparent loss of 100 curies of tritium from a shipment of tritium gas received in September 2006. As described in your written report dated December 21, 2006, your investigation concluded that the container was never filled by the supplier so there was no actual loss of tritium. The second event involved the loss of a pulse neutron generator containing approximately 1.5 curies of tritium. Your written report dated April 3, 2007, concluded that the package containing the pulse neutron generator was lost by the freight forwarder, Yellow Freight, somewhere between the Dallas-Fort Worth Airport in Texas and Nashville, Tennessee. Your report also concluded that the loss was not be expected to result in radiation exposure to members of the public. The inspection was limited to a review of the reporting of events and the adequacy of your followup to these events. Additional information provided in several telephone conversations between November 22, 2006, and March 29, 2007, between Mr. Bracke and Mr. Jackson, were also examined as part of the inspection. The findings of the inspection were discussed with Mr. Bracke at the conclusion of the inspection.

Within the scope of this inspection, no violations were identified.

Current NRC regulations are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. The current NRC Enforcement Policy is included on the NRC's website at www.nrc.gov; select **What We Do, Enforcement**, then **Enforcement Policy**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Jay Russell
Princeton Technology Center

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No reply to this letter is required. Your cooperation with us is appreciated.

Sincerely,

Original signed by James P. Dwyer

James P. Dwyer, Chief
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
Thomas P. Bracke, Radiation Safety Officer
State of New Jersey

Jay Russell
Princeton Technology Center

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James P. Dwyer, Chief
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Division of Nuclear Materials Safety

cc:
Thomas P. Bracke, Radiation Safety Officer
State of New Jersey

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SUNSI Review Complete: T Jackson

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