



IDAHO TRANSPORTATION DEPARTMENT
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itd.idaho.gov

August 5, 2013

U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

Subject: Missing Nuclear Density Gauge (call in report)

License No. 11-27076-01

The Central Materials Lab in Boise Idaho (District 9, HQ) is currently the License holder and the Administrator of the Nuclear Gauge program for the Idaho Transportation Department.

A description of the licensed material involved, including kind, quantity, and chemical and physical form:

Troxler 3440 nuclear density gauge, Cs-137/AM-241:BE, MBq 300/1480 and number of mCi 8/40.

A description of the circumstances under which the loss or theft occurred:

Gauges are sent to District 9, from the Districts to be sent out to the factory for calibration. District 5 needed to borrow a gauge while they had theirs out for calibration. A gauge from District 4 was borrowed for District 5 to use until their gauges returned from the factory. All the proper paper-work was filled out, the gauge was transported and put into the nuclear gauge storage at District 5. All people involved in the transport and storage of this gauge had proper training and TLD's while handling this nuclear gauge. Here at District 9 we did not move our gauge on the board to show that the gauge was in District 5, which created a temporary confusion. (District 9 has a metal board with magnet tags that show where each gauge is and at what district.)

Exposures of individuals to radiation:

There was no exposure to any people. The gauge was in a secure nuclear gauge lock up location, in District 5.

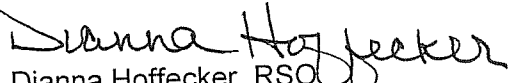
Procedures or measures that have been, or will be adopted to ensure against a recurrence of the loss or theft of licensed materials:

We have implemented a three check system, to insure that all gauges are accounted for at all times.

If you have any questions, or need additional information concerning this request, please contact Dianna Hoffecker at the Central Materials Lab in Boise @ (208) 334-8026 or e-mail Dianna.Hoffecker@itd.idaho.gov.

Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink that reads "Dianna Hoffecker". The signature is written in a cursive style with a large, looping initial "D".

Dianna Hoffecker, RSO
Highway Program Oversight
Central Materials Lab

Cc:

File

QA Eng (Zubery)

Structures Lab (Hoffecker)