



**IDAHO TRANSPORTATION DEPARTMENT**

P.O. Box 7129  
Boise ID 83707-1129

(208) 334-8000  
itd.idaho.gov

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October 28, 2011

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

Subject: "Amend License to Add Additional Gauges to our Inventory"

License No. 11-27076-01

Mail Control Number 576100

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

The Idaho Transportation Department has purchased 14 Troxler Model 3440 Plus Nuclear gauges, (see mail control number 576100). We would like to add 2 more Troxler Model 3440 Plus to that amendment. Please see the following for radiological information.

Radiological Information for the Troxler Model 3440 Plus Gauges

| Radionuclide     | Manufacturer/Model No.  | Total Possession limit                                    |
|------------------|---|---|
| A. Cesium-137    | Sealed Source Information<br>Sealed Sources(AEA Technology/<br>QSA, Inc., Model CDCW556<br>Or Isotope Products Laboratories<br>Model HEG-137) | 9 millicuries per source and<br>207 millicuries total.    |
| B. Americium-241 | Sealed neutron sources (AEA Technology/<br>QSA, Inc., Model AMNV.997 or Isotope<br>Products Laboratories Models AM1.N02,<br>3021 or 3027      | 44 millicuries per source and<br>1,012 millicuries total. |

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](mailto:Dianna.Hoffecker@itd.idaho.gov).

Thank you for your assistance in this matter.  
Sincerely,  
Dianna Hoffecker, RSO  
Materials Section

Cc:  
File  
QA Eng (Zubery)

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576100

## Structures Lab (Hoffecker)