

L. ROBERT KIMBALL & ASSOCIATES

CONSULTING ENGINEERS & ARCHITECTS

615 WEST HIGHLAND AVE., EBENSBURG, PENNSYLVANIA 15037 PHONE (814) 472-7700
TELEX NO. 510 654 8028

February 4, 1985

MS 12
K4

United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Attention: Jack McFadden

Re: License No. 37-17717-02
Docket No. 030-16053
Control No. 03023

Dear Mr. McFadden:

As per your letter dated January 2, 1985 requesting additional information to support our application for license renewal, we have enclosed a copy of a memo which will be sent to all personnel currently listed on our license.

We wish to be authorized to perform maintenance and repair on our gauges involving access to the source holders and/or dismantling of the shielding or shutter devices. We anticipate that the only instance we would need to disturb the shielding devices is to replace battery packs or clean the source rod scraper plate assembly. Both of these procedures are outlined in Troxler's Gauge User's Manual. Below is a list of the individuals who would be performing repair of our gauges:

<u>Name</u>	<u>Position</u>	<u>Training</u>
Andrew J. Smith	Lab Supervisor and Radiological Safety Officer	Troxler Training course and college level chemistry and physics courses
O.T. McConnell	Manager of Geotechnical Services and Civil P.E.	Troxler Training course and college level chemistry and physics courses

Our radiological safety program is incorporated into our in-house training course (NRC approved). Our training course is given on an as-needed basis to all of our gauge operators. Radiation monitoring is provided by the R.S. Landauer, Jr. and Company of Glenwood, Illinois. Six (6) month leak tests are processed by the Troxler Electronics Laboratory of Research Triangle Park, North Carolina. Leak tests are performed by our radiological safety officer using a Troxler 3880 Leak Test Kit. All leak tests are performed in the confines of the L. Robert Kimball and Associates Soil Laboratory.

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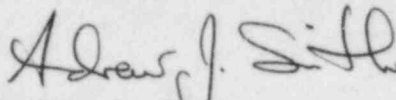
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We trust that the material being supplied meets your requirements. Should you require additional information, please feel free to contact our office.

Sincerely,

L. ROBERT KIMBALL AND ASSOCIATES

A handwritten signature in dark ink, appearing to read "Andrew J. Smith". The signature is fluid and cursive, with the first name "Andrew" and last name "Smith" clearly distinguishable.

Andrew J. Smith
Radiological Safety Officer

AJS/aet
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L. ROBERT KIMBALL & ASSOCIATES, CONSULTING ENGINEERS & ARCHITECTS

Memorandum



FROM: Andrew J. Smith *Deu*

DATE: February 4, 1985

TO: All Troxler Nuclear Gauge Operators

SUBJECT: Gauge Maintenance and Repair

I am currently renewing the Company's radioactive materials licenses which deal with the firm's nuclear gauges. At the request of the U.S. Nuclear Regulatory Commission (item 14e of "A Guide for Preparation of Byproduct Material Applications for the Use of Sealed Sources in Portable and Semiportable Gauging Devices") employees must be notified in writing listing the specific instructions in regard to performing maintenance on the gauge.

Repair and Maintenance Procedures

1. No repairs to the gauge are to be made without first contacting O.T. McConnell or myself. In the event that we cannot be reached, bring the inoperative gauge back to the laboratory; perhaps another gauge will be available for your use.
2. Keep all exterior surfaces clean and free from dirt and moisture.
3. Whenever using the gauge to test fresh asphalt, the gauge base usually becomes mired with asphalt. This can be quickly removed with kerosene or a petroleum solvent such as "Gunk". "Gunk" is preferred since it is water soluble and the remaining residue can be removed with a moist cloth.
4. In the event the gauge is not operating to your satisfaction, or if any problems arise please contact myself or O.T. McConnell.

AJS/aet
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