

Ted Forsi and Associates, Inc.

Engineering • Planning • Surveying

Main Office
124 East Seventh Avenue
Anchorage, Alaska 99501
(907) 274-9517

Kenai Peninsula Office
Woodruff Building
P.O. Box 2470
Soldotna, Alaska 99669
(907) 262-5531

August 6, 1982



U.S. Nuclear Regulatory Commission
Materials Licensing Branch
7915 Eastern Avenue
Silver Spring, Maryland 21403

Attention: Mr. Paul Guinn

Dear Mr. Guinn,

Ted Forsi and Associates, Inc. hereby requests to ammend Nuclear Regulatory Commission License No. 50-19401-01 to include Bill Nelson as an authorized user of Troxler Model 3401, 3401B, 3411 and 3411B guages to measure properties of materials, according to Condition 12 of the license.

A copy of Mr. Nelson's training certificate is enclosed along with a check for \$40.00 to cover fees. Please notify our office upon approval of this ammendment.

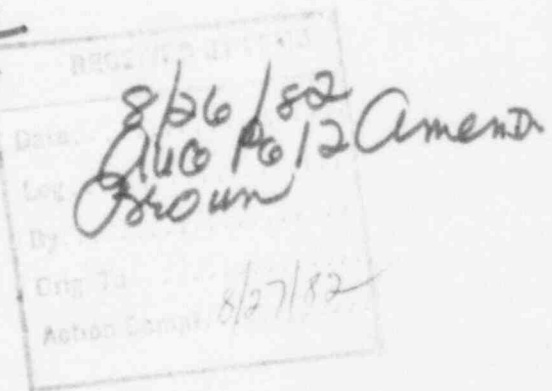
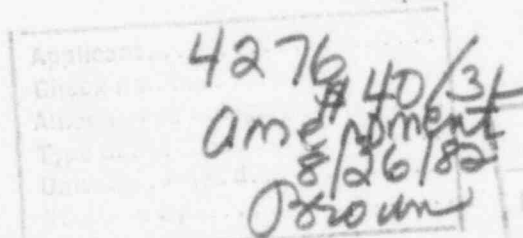
Sincerely,
TED FORSI & ASSOCIATES, INC.

Ted J. Forsi

Ted J. Forsi, P.E.
Principal

TJF/jtk

Enclosure:



COPIES SENT TO OFF. OF
INTELLIGENCE AND ENFORCEMENT

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REGS LIC30
50-19401-01 PDR

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TROXLER ELECTRONIC LABORATORIES, INC.

12349

HEREBY CERTIFIES THAT

Bill Nelson

of

Ted Forsi & Associates

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

[Signature]
INSTRUCTOR

4/7&8/81
DATE

Wm. F. Troxler
PRESIDENT



Ted Forsi and Associates, Inc.

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Item #15

RADIATION SAFETY PROGRAM

A. SAFETY PROCEDURES

1. Do not operate or attempt to operate a gauge unless you have been authorized to do so.
2. Do not attempt to repair, modify or open the sealed source under any circumstances.
3. Wear a film badge at all times while operating or transporting a gauge.
4. Follow operating procedures, when using the gauge, in accordance with the Troxler instruction manual, the radiation control regulations and this safety program.
5. Keep unauthorized persons away from the gauge.
6. Do not leave the gauge unattended when in use or outside of the storage enclosure or locked vehicle.
7. Keep the gauge in the "SAFE" or storage position when not in use.
8. Be sure that the gauge is locked within an authorized enclosure (e.g. closet, cabinet, vehicle, etc.) when it is not in use. Security against the theft of a radioisotope is of utmost importance and must not be neglected. The storage enclosure must be labeled with a radiation warning sign bearing the symbol as described in 10 CFR 20.203 and the words "CAUTION RADIOACTIVE MATERIALS".
9. Gauge(s) may be only transported by authorized personnel in approved vehicles. The gauge(s) may not be transported on the front or rear seats of any vehicle. If a pickup truck is used, the gauge(s) must be locked in an enclosure (e.g. cabinet, shipping case, etc.) and the enclosure tied securely (e.g. chained, bolted, etc.) to the body of the truck in order to prevent loss or theft.

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A. Continued

10. Ensure that the gauge is leak tested at the intervals required by the licensee's Radioactive Materials License. The wipe sample will be collected by the Radiation Protection Officer using a Troxler model 3880 leak test kit. The leak test measurement on the wipe sample will be performed by Troxler Electronic Laboratories, Inc., P. O. Box 12057, Research Triangle Park, NC 27709.
11. When in doubt, ask your Radiation Protection Officer.

B. EMERGENCY PROCEDURES

1. Accidents

- a. In the event of possible damage to source or source control mechanism, the operator will keep unauthorized persons at least ten feet from gauge and prevent removal of gauge from site until authorized by RPO or appropriate authority.
- b. If there is any possibility the source capsule might be ruptured, the location must be covered by a sheet of material (plastic, tarp, etc.), held down by weights, (rocks, bags of material, etc.) to prevent scattering of radioactive material by the elements.
- c. The operator must then immediately notify his RPO of the incident and given an appraisal of the probable condition of the source.
- d. The RPO will then immediately notify the following authority who will provide instructions and assistance in accordance with the circumstances of the incident.

Region V, USNRC
Office of Inspection and Enforcement
1990 N. California Blvd., Suite 202
Walnut Creek, CA 94596

Daytime, night & holiday phone: (415) 932-8300

2. Source stolen or lost

- a. The operator must immediately notify local police or other law enforcement agency within whose jurisdiction the incident occurred.
- b. The operator must also notify his RPO who will notify the authority listed in item B-1-d above.

C. DUTIES OF THE RADIATION PROTECTION OFFICER

1. Assure compliance with all pertinent parts of the controlling agency's (NRC) regulations.
2. Assure compliance with the conditions in licensee's Radioactive Materials license and amendments and above items given in this safety program.
3. Maintain the following items in a radiation file and keep available for inspection by controlling agency if requested.
 - (a) Current Radioactive Materials License.
 - (b) Copies of license application, attachments and all pertinent correspondence referred to in the conditions of the license and amendments.
 - (c) Gauge Source Certificate(s) issued with the gauge(s) by the manufacturer.
 - (d) Film badge reports.
 - (e) Leak test reports.
 - (f) Records concerning disposal, inventory and useage of source(s).
 - (g) Copies of this safety program.
 - (h) A current copy of the controlling agency's regulations.