

Shepherd Engineering Testing Co., Inc.
ATTN: Steve Marcott
Lab and Field Supervisor
2720 S. Classen
Norman, Oklahoma 73071

SEP 13 1985

Gentlemen:

Please find enclosed your NRC material license. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license at 817/860-8100.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain appropriate amendments if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. A license fee may be charged for the amendments if you are not in a fee-exempt category.

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9/10/85

C:NMSS
RJEverett
9/12/85

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REG4 LIC30
35-16216-02 PDR

6. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Action, 10 CFR Part 2, Appendix C. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which the NRC expects of its licensees.

Thank you for your cooperation.

Sincerely,

Original Signed By

R. J. Everett

R. J. Everett, Chief
Nuclear Materials Safety Section

Enclosure: As stated

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SHEPHERD ENGINEERING Testing Co., Inc.
GEOTECHNICAL CONSULTANTS
2720 SOUTH CLASSEN / NORMAN, OKLAHOMA 73071 / (405) 364-2900

ADDITIONAL INFORMATION FOR LICENSE CONTROL NO. 460675

ITEM 10.1 NAME OF THE SUPPLIER OF FILM BADGES WE ARE USING

Atomic Energy Industrial Laboratories
of the Southwest, Inc.
6421 South Main Street
Houston, Texas 77030

Frequency of exchange - Monthly

ITEM 10.4 MAINTENANCE ON GAUGES INVOLVING REMOVAL OF SOURCE
HOLDER ETC.

Will be done only by:

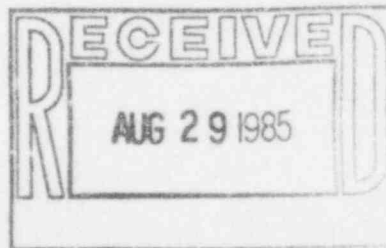
- 1) Nuclear Measurement Services
2750 Northaven, Suite 202
Dallas Texas 75229
- 2) Troxler Factory

ITEM 10.5 SAFETY PROCEDURES FOR TRANSPORTING GAUGES

All gauges are being transported in their factory made cases which are DOT approved, with proper labels. Gauges are padlocked inside their cases with the case locked to the pickup bed. In keeping with Shepherd Engineering's commitment to follow DOT regulations, before we build customized cases for gauges to be transported in, we will submit plans showing how cases will be built. If a situation develops that is unsafe corrective measures will be taken.

ITEM 10.6 DESCRIBE OPERATING AND EMERGENCY PROCEDURES

- 1) PERSONNEL MONITORING (Film Badge Type) are worn whenever gauges are in use, including leak testing or minor repairs. Sources will not be removed by any Shepherd Engineering employee. Repairs of this nature will be done by the manufacturer.



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2. USE OF THE DEVICE

The Moisture/Density device will be removed from its overnite locked storage and placed in lab pickup to be transported to the various job sites within the state of Oklahoma. While in transit, the device is padlocked inside its case which is DOT approved. Such that it cannot be removed by UNAUTHORIZED people. The device will be kept in that locked case any time it is not being used which includes between test and during lunch breaks etc. Any person not wearing a film badge is instructed to stay 10.0' from the device while in use. Operators using the devices are instructed to and shown how to use the device such that exposure rate will be at an absolute minimum.

3. EMERGENCY PROCEDURES and phone numbers are kept in each vehicle, each office and at each 24 hour phone number which are as follows:

When no personal injury is involved and if source is exposed, rope off area if possible or have someone keep everyone back while you or someone calls the numbers listed below.

CALL FIRST: Shepherd Engineering 405/364-2900
Steve Marcott(Home) 405/329-4644
Don Laramore (Home) 405/799-6473
Ray Heron (Home) 405/360-5279

then call, Health Department 405/271-5221

if no repsonse then call

U.S. Nuclear Regulatory Comission
(Day, Nights and Holidays) 817/334-2841

If involved in vehicluar accident with personal injury, call first to report accident and get medical assistance then call the above numbers.

Highway Patrol 405/682-4343

Report RADIOACTIVE MATERIAL as low level

TYPE A YELLOW II 0.1
CESIUM 137 III .008 curies
AMERICIUM 241; BERYLLIUM I .040 curies