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# TERRA ENGINEERING LABORATORIES, INC.

GEOTECHNICAL ENGINEERING,  
QUALITY CONTROL, FOUNDATION AND STRUCTURAL ENGINEERING

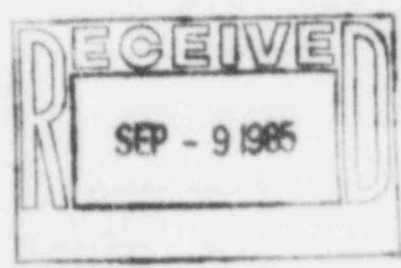
JEROME M. MARK  
307-672-2221

1967 WEST 5TH STREET  
SHERIDAN, WY 82801

September 3, 1985

Control No. 018964

Mr. R.J. Everett, Chief  
Nuclear Materials Safety Section  
United States Nuclear Regulatory Commission  
Parkway Control Plaza Building  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



Dear Mr. Everett:

I am in receipt of your letter of August 26, 1985. Please be advised that I wish to complete the process for the application. Relative to the form sent by Jack E. Whitten on July 10, 1985, I wish to submit the following information.

- ✓ Item 1 -- Training and experience of each individual who will use or directly supervise the use of the gauges or devices - Item 8, Page 6 (Richard Beaver's training and experience).

Please be advised that Mr. Richard Beaver is no longer with this firm. Since economic conditions are poor in our area, I have not filled that position. I plan to send any new employees to the Manufacturer's school prior to their using the instruments.

- ✓ Item 2 -- Name of the supplier of film badges and/or TLD dosimeters - Item 10.1, page 7 and 8. Are the film badges you plan to use sensitive to neutrons?

The manufacturer of the film badge which I plan to use is:

R.S. Landauer Jr. & Co.  
Glenwood, Illinois 60425

These folks produce a Type B-1 badge which has film to detect x-ray, beta and gamma, as well as a CR39 plastic to detect neutron. I mistakenly specified a Type G badge, however I plan to use the Type B-1.

- ✓ Item 3 -- Describe operating and emergency procedures - Item 10.6, page 10. Name of individuals to be notified in case of emergency.

Any employees operating the device will be provided with procedures on the following topics.

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REG4 LIC30  
49-23534-01 PDR

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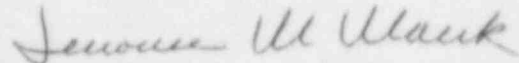
- a) Detailed instructions for use of the device. These will follow Manufacturer's instructions as well as common sense provisions. Instructions will include a step-by-step procedure for use of the device.
- b) Procedures to be followed when transporting the device including placement in the vehicle, security when traveling, posting of the vehicle and/or device.
- c) Procedure involving use of the mandatory film badges.
- d) Storage of the device when not in use.
- e) Leak testing of the device via a commercial leak-test kit and who will perform and send in the periodic test.
- f) Emergency procedures to be used in the event of accident, breakage or loss.
- g) Transportation.

✓ Item 4 -- Maintenance on gauges involving removal of source holder, etc. -- Item 10.4 page 9.

No radio active sources will be removed from the instrument. All major cleaning or maintenance will be performed by the Manufacturer.

I thank you for your personal attention to this matter.

Sincerely,



Jerome M. Mark  
P.E. & L.S.

JMM/sos:sp

TEL