DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 1070
NASHVILLE, TENNESSEE 37202

IN REPLY REFER TO

17
2501

ORNCD-N

29 August 1979

SUBJECT: Submittal of Additional Information for Application of By Product Material License

RECEIVED
SEP 4 AM 10 38
U.S. NUCLEAR REGULATORY COMMISSION
DOCUMENT CONTROL SECTION

Nuclear Regulatory Commission
Division of Fuel Cycle and Material Safety
ATTN: Nathan Bassin
Material Licensing Branch
Washington, DC 20555

Gentlemen:

Please refer to your letter dated 16 August 1979, Mail Control No. 00175. The additional information requested is as follows.

Mr. Clyde E. Moore who is located at the Burnsville Resident Office, P. O. Box 277, Burnsville, MS 38833, will be responsible for the day-to-day radiation safety program at our field locations. Enclosed is a copy of certificate of training for Mr. Clyde E. Moore. Certificates of training for other individual users are included.

The operating and emergency procedures for individual users to follow in operating the devices, transporting the devices, and action to take in the event of an emergency situation are as follows:

1. Operation of Nuclear Gauge

a. Assure compliance with the requirements of Title 10 CFR Parts 19, 20, 30, 71 and all applicable U.S. DOT regulations.

b. Assure that use of devices (particularly in the field) is only by persons named as users under the license or persons who have completed acceptable training.

c. Assure all users wear personnel monitoring equipment when using gauges.

ORNCD-N 29 August 1979
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2. Transportation of Nuclear Gauge

When transporting, the gauge shall be fully secured within the transporting vehicle and away from the passenger compartment. When it is transported in a station wagon it shall be contained in a labeled shipping container supplied with the gauge. The container shall be placed in the back of the vehicle when the gauge is to be transported in a pick-up truck. A special box shall be utilized which shall be bolted to the bed of the truck with the gauge and shipping container locked inside.

3. Storage

When the gauge is not in use it will be stored in the laboratory building of the Burnsville Resident Office. The unit will be kept in a special storeroom ten feet from working personnel. This room will be locked at all times. The laboratory building will also be locked when not occupied.

4. Emergency Instructions

In case of accident involving damage or loss of the gauge, the area will immediately be cleared of personnel, roped off or guarded for a fifteen foot radius. The District Radiation Protection Officer, Emmett E. Forte, will be notified. The protection officer's phone is (615) 251-7179. The protection officer will notify the proper authorities such as the local police, state personnel and the NRC.

We trust that the above will satisfactorily complete the information required for issuance of our license. If there are any further questions or clarifications which can be furnished by telephone, please call R. L. Thomas at telephone no. (615) 251-5674 or FTS 852-5674.

Sincerely,

for Daniel L. Hall
R. H. RUSSELL
Chief, Construction Division

2501

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

CLYDE E. MOORE

of

U.S. ARMY CORPS OF ENGINEERS

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*

INSTRUCTOR

2/21-22/79
DATE

WILLIAM F. TROXLER
PRESIDENT

2501

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

W.C. BILLINGS

of

U.S. ARMY CORPS OF ENGINEERS

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INSTRUCTOR

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HEREBY CERTIFIES THAT

BOBBY R. POWELL

of

U.S. ARMY CORPS OF ENGINEERS

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Robert E. Joines
INSTRUCTOR

6/26/79
DATE

WILLIAM F. TROXLER
PRESIDENT

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

W.H. MCFERRIN, JR.

of

U.S. ARMY CORPS OF ENGINEERS

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Robert E. Joines
INSTRUCTOR

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WILLIAM F. TROXLER
PRESIDENT

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HEREBY CERTIFIES THAT

ODIE W. CURTIS

of

U.S. ARMY CORPS OF ENGINEERS

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HEREBY CERTIFIES THAT

WILLIAM E. MASSIE

of

U.S. ARMY COPRS OF ENGINEERS

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WILLIAM F. TROXLER
PRESIDENT

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HEREBY CERTIFIES THAT

WILLIAM R. BOSWELL

of

U.S. ARMY CORPS OF ENGINEERS

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INSTRUCTOR

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WILLIAM F. TROXLER
PRESIDENT

2501

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

FLETCHER E. JONES

of

U.S. ARMY CORPS OF ENGRS.

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

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Robert E. Joines
INSTRUCTOR

6/26/79
DATE

WILLIAM F. TROXLER
PRESIDENT

Receipt 11/20/81

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 1070
NASHVILLE, TENNESSEE 37202

IN REPLY REFER TO

12 NOV 1981

ORNED-D

SUBJECT: Application for Radioactive Material License

THRU: Commander, Ohio River Division
ATTN: ORNED RCA 11/16/81

TO: CDR USACE (DAEN-SO)
WASH DC 20314

Please amend US Army Corps of Engineers License No. 41-19063-01, application to include the following:

a. Item 3 - Name of person to be contacted regarding this application--Theodore Davidson, telephone No. (615) 251-5614, FTS 852-5614.

b. Item 5 - Street address where licensed material will be used--US Army Corps of Engineers, Nashville District's Projects.

c. Item 6 - Individual who will use or directly supervise the use of licensed material--Theodore Davidson, Ralph Fike, Robert Amonette, David Verploegen, Daniel McGown.

d. Item 7 - Radiation Protection Officer--Emmett E. Forte - RPO (three weeks Radiological Safety, Aberdeen Proving Ground, Maryland).

e. Item 8 - Licensed material for a Model 3216:

A	B	C	D
AM241:Be	Sealed Source	As per Troxler drawing #A-10245	No single source to exceed 40mCi

103451

E

For use in a Troxler Model 3216 Surface Moisture Gauge to measure surface moisture.

09654

12 NOV 1981

ORNED-D
SUBJECT: Application for Radioactive Material License

f. Item 9:

A	B	C
Surface Moisture Gauge	Troxler Electronics	Model 3216

g. Item 13 - See attached sketch.

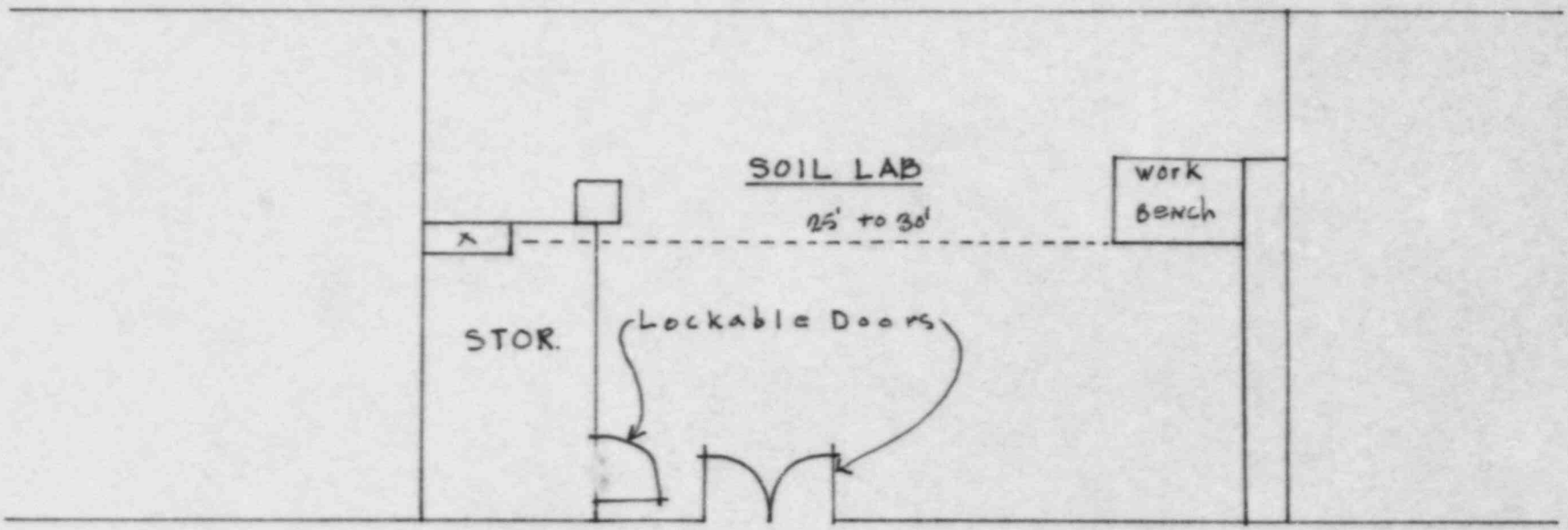
FOR THE COMMANDER:

W. F. Eastland

E. C. MOORE
For Chief, Engineering Division

2 Incl (dupe)
1. Certificate (5)
2. Sketch

Federal Office Building
8Th & Broadway
Nashville, Tenn 37202
615/2515414



BASEMENT CORRIDOR

When not in use on a project the gauge will be stored in its storage container in the locked storage room at 8Tht Broadway, Nashville. Tenn. The storage site is over 25 feet from any duty station. Only approved Corps of Engineers personnel have Keys and access to the storage room.

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

ROBERT M. AMONETTE

of

U. S. ARMY CORPS OF ENGINEERS

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

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Robert E. Joines
INSTRUCTOR

9/28/81
DATE

W. F. TROXLER
PRESIDENT

9654

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

DANIEL T. MCGOWN, JR.

of

U. S. ARMY CORPS OF ENGINEERS

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Robert E. Joines
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W. F. TROXLER
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HEREBY CERTIFIES THAT

THEODORE DAVIDSON

of

U. S. ARMY CORPS OF ENGINEERS

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