NRC FORM 313
(1-84)
10 CFR 30, 32, 33, 34, 35 and 40

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3150-0120
Expires: 8-31-87

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
WASHINGTON, DC 20555

OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL SECTION B
631 PARK AVENUE
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
MATERIAL RADIATION PROTECTION SECTION
101 MARIETTA STREET, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
MATERIALS LICENSING SECTION
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- [X] A. NEW LICENSE
- [ ] B. AMENDMENT TO LICENSE NUMBER _____
- [ ] C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Compton Construction Company, Inc.
P. O. Box 1010
Ingleside Road
Princeton, West Virginia 24740

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Material to be stored at address listed in Item 2 and at temporary project sites throughout the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction over the use of by-product material.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Michael M. Payne

TELEPHONE NUMBER: 304-487-3467

SUBMIT ITEMS 5 THROUGH 11 ON 8½ x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL
a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)
FEE CATEGORY: 3P
AMOUNT ENCLOSED: $ 230.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE-CERTIFYING OFFICER	TYPED/PRINTED NAME	TITLE	DATE
[signature]	Michael M. Payne	Radiation Safety Officer	9-11-85

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS
- [ ] $250K
- [ ] $250K - $500K
- [ ] $500K - $750K
- [ ] $750K - 1M
- [ ] $1M - 3.5M
- [ ] $3.5M - 7M
- [ ] $7M - 10M
- [ ] > $10M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial-proprietary-information furnished to the agency in confidence)

- [ ] YES
- [ ] NO

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
APP	047211	3P	8512160457 851022 PDR REG2 LIC30 47-24807-01	[signature]
AMOUNT RECEIVED	CHECK NUMBER			DATE
$230	7399		52733	10/8/85

OFFICE AND SHOP: INGLESIDE ROAD · PHONE (304) 487-3467 · 425-2653

COMMERCIAL AND INDUSTRIAL BUILDERS
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PIPELINE CONSTRUCTION
GENERAL CONTRACTORS

COMPTON CONSTRUCTION COMPANY
GENERAL CONTRACTORS — SINCE 1942
P.O. BOX 1010
PRINCETON, WEST VIRGINIA 24740

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September 11, 1985

Amendment To
Application For Material License
(NRC Form 313)

5. RADIOACTIVE MATERIAL

Radionuclei	Form	Troxler Drawing No.	Maximum Amount
Cs-137	Special Form	A-102112	Not to exceed 9 mCi per source
Am-241:Be	Special Form	A-102451	Not to exceed 44 mCi per source

6. PURPOSE FOR WHICH LICENSED MATERIAL WILL BE USED

To be used in Troxler Model 3400 Series Surface Moisture/Density Gauge

7. INDIVIDUAL RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

Michael M. Payne — Attended the Troxler Nuclear Gauge Training Course on September 5, 1985

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

Michael M. Payne — Attended the Troxler Nuclear Gauge Training Course on September 5, 1985

James Haynes — Attended the Troxler Nuclear Gauge Training Course on December 2, 1982

(Copies of Certificates Enclosed)

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

MICHAEL M. PAYNE

of

COMPTON CONSTRUCTION COMPANY

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

9/5/85
DATE

W.F. TROXLER
PRESIDENT

№ 12043

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

JAMES E. HAYNES

of

COMPTON CONSTRUCTION COMPANY, INC.

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:

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1. *Principles and practices of radiation protection.*
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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

12/2/82
DATE

W.F. TROXLER
PRESIDENT

№ 12071

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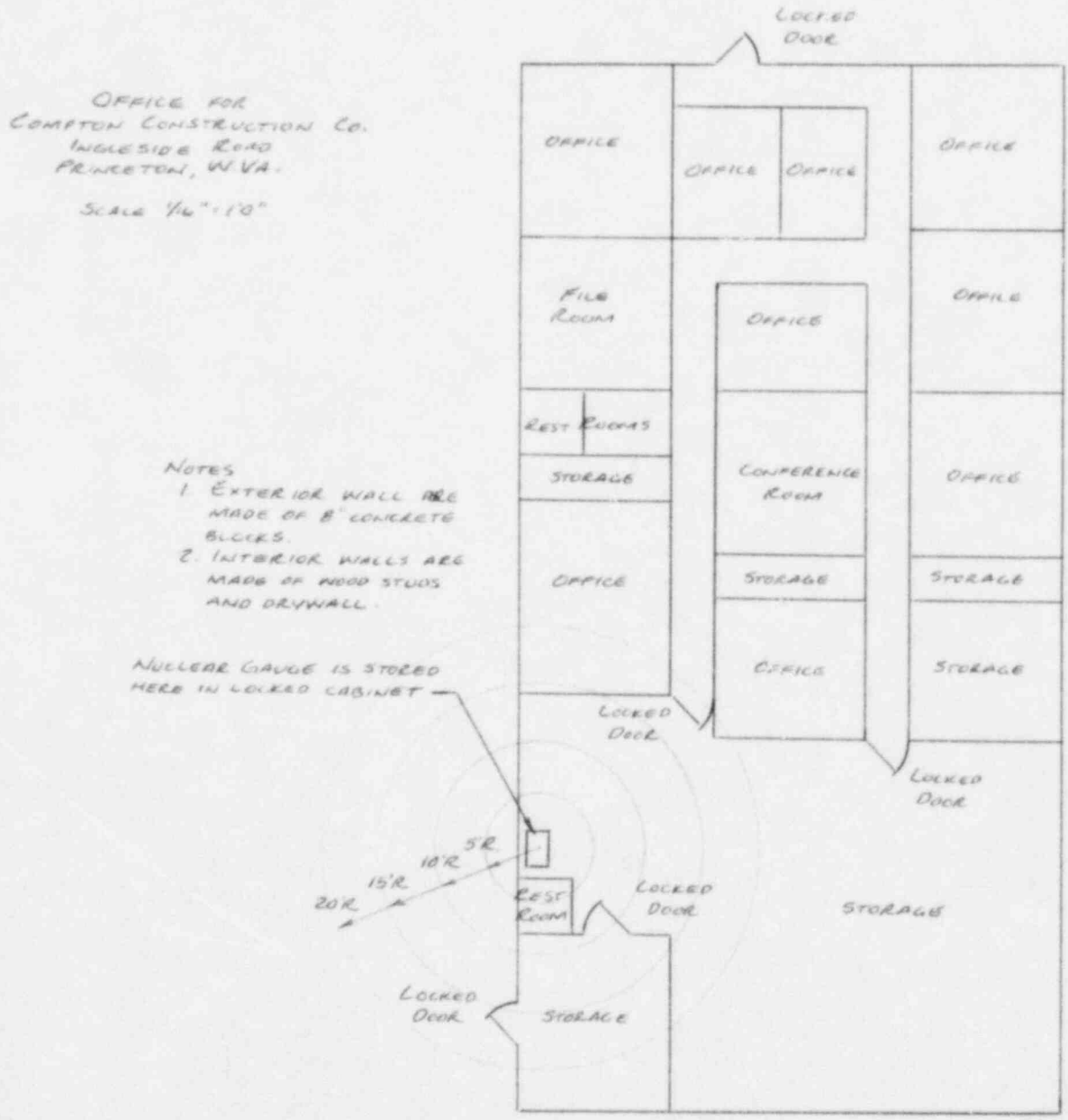
THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA

9. FACILITIES AND EQUIPMENT



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10. RADIATION SAFETY PROGRAM

I. Radiation Safety Officer

A. Michael M. Payne as Compton Construction Company's Radiation Safety Officer has assumed the duties and responsibilities as follows:

1. He shall acquire and maintain a valid radioactive material license. He shall periodically review this document to ensure all conditions are current.

2. He shall file and maintain a copy of all the regulations furnished by the appropriate licensing agency.

3. He shall file and maintain a certificate denoting the information concerning the radioactive material employed by the gauge.

4. He shall file and maintain all treining certificates.

5. He shall post the "Notice To Employees-Standards For Protection Against Radiation" form at the location used for storage (NRC Form 3)

6. He shall file and maintain all personnel exposure reports that shall contain as a minimum each individuals name, social security number, date of birth and actual exposure received. This report shall be posted.

7. He shall ensure that a leak test is performed on the equipment every six months in the manner prescribed by the equipment manufacturer. He shall then maintain on file a copy of each leak test report.

8. He shall ensure that the use of the equipment is only by individuals that have been authorized by him and that all users will wear personnel monitoring equipment when using the equipment.

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9. He shall ensure that the equipment is properly secured against unauthorized removal at all times when it is not in use.

10. He shall establish and maintain a utilization log to document the location of the gauge at all times.

11. He shall serve as a point of contact and give assistance in case of emergency such as equipment damaged in the field or theft and to notify the proper authorities in case of emergency.

12. He shall ensure that all users have read and understand the radiation safety operating and emergency procedures.

II. Operating Procedures

A. Transportation of Equipment

1. All possible means shall be provided to ensure that the equipment is fully secured in the transporting vehicle and the equipment is away from the passenger compartment. When transporting in an enclosed vehicle such as an automobile the vehicle shall be locked. When transporting in an open bed vehicle such as a truck the gauge shall be securely fastened and locked to the truck bed.

2. The gauge shall be transported in a properly labeled Troxler Transportation Case.

3. At all times during transport the operator shall have a properly completed bill of lading for each gauge.

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B. Utilization Procedures

1. When the gauge is in the field, the authorized user will maintain control over the gauge at all times. The gauge must never be left unattended.

2. When not making measurements, the gauge shall be placed in its transporation case and returned to its permanent storage area as soon as possible.

3. When using the gauge, the authorized user shall wear a personnel monitoring device. When the gauge is not in use the monitoring device is to be stored in a radiation free area that has been designated in the office.

4. The gauge is to be used for its intended purpose only.

C. Maintenance And Leak Test Procedures

1. Periodic maintenance will include cleaning the gauge. During any maintenance, an authorized user will wear their personnel monitoring device.

2. No maintenance will be performed in which the radioactive source is removed from the gauge. For this type of maintenance, the gauge will be returned to the manufacturer.

3. The leak test will be performed using the Troxler Model 3880 Leak Test Kit. The leak test will be performed using the manufacturer's instructions. Again, the personnel monitoring device will be employed. Gauges will be leak tested at intervals not to exceed six (6) months.

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III. Emergency Procedures

A. In the event of physical damage to a gauge, the following will be performed:

1. Immediately cordon off an area around the gauge. An area radius of 15 feet will be sufficient.

2. If a vehicle is involved, it must be stopped until the extent of contamination, if any, can be established.

3. A visual inspection of the gauge is to be made to determine if the source housing and/or shielding has been damaged.

4. At the earliest possible time, when the situation is under control, Michael M. Payne must be contacted at 304-487-3467. Describe the present conditions and follow the instructions of the Radiation Safety Officer.

B. In the event the gauge is lost or stolen, immediately notify the Radiation Safety Officer as listed above in Item 3.A.4.

11. WASTE MANAGEMENT

Radioactive material will be disposed of by one of the following methods:

1. Transferred to another licensed user, or
2. A licensed burial ground, or
3. Shipped back to the manufacturer