



**United States Testing Company, Inc.**

Unitech Services Group

2506 DAVIS STREET  
SAN LEANDRO, CALIFORNIA 94577 (415) 562-7500

NEW YORK  
MEMPHIS  
ORLANDO  
MIAMI  
CHICAGO  
COLORADO SPRINGS  
SAN FRANCISCO  
MODESTO  
LOS ANGELES  
SAN DIEGO

August 14, 1987

RECEIVED  
87 SEP 18 AM 4:05

U.S. Nuclear Regulatory Commission  
Region I  
631 Park Ave.  
King of Prussia, PA 19406

Subject: License No. 2902477-07

Attn: Mr. John Glenn

Dear Mr. Glenn:

- 1) We wish to amend our source data sheets (enclosed) and add the following: see attached new data sheets
- 2) Item 12: Delete Radiation Safety Officer: Carl B. Yoder  
Add Robert E. Green (resume attached)

Sincerely,

*Robert E. Green*

Robert E. Green  
Corporate Radiation Safety Director

REG/bjs  
enclosures

cc: Gene Basile

Log	SEP 9 I
Remitter	
Check No.	77813
Amount	\$60
Fee Category	BF
Type of Fee	AMD
Date Check Rec'd.	9/22/87
Date Completed	5/22/87
By:	S. Kimberly

BB04200263 B70930  
REG1 LIC30  
29-02477-07 PDR

RECEIVED-REG-1  
AUG 31 PM 4:20

107768

ML10

"OFFICIAL RECORD COPY"

31 AUG 1987

MATERIALS LICENSE

Amendment No. 06

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 36, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s); and to import such byproduct and source material. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

In accordance with application enclosed with letter dated May 13, 1983,

3. License number 29-02477-07 is amended

in its entirety to read as follows:

4. Expiration date June 30, 1988

5. Docket or Reference No. 030-14548

1. United States Testing Company, Inc.

2. 1415 Park Avenue  
Hoboken, New Jersey 07030

6. Byproduct, source, and/or special nuclear material

7. Chemical and/or physical form

8. Maximum amount that licensee may possess at any one time under this license

A. Cobalt 60

A. Sealed source (Technical Operations Model 571 source rod)

A. Not to exceed 15 millicuries per source

B. Cesium 137

B. Sealed sources (Technical Operations Model 77302)

B. Three sources not to exceed 150 millicuries per source

C. Cesium 137

C. Sealed sources (Troxler Dwg. No. A102112)

C. Not to exceed 8 millicuries per source

D. Americium 241

D. Sealed sources (Troxler Dwg. No. A102451)

D. Not to exceed 40 millicuries per source

E. Cesium 137/  
Americium 241

E. Combined sealed sources (Troxler Dwg. No. A100281)

E. Not to exceed 9 millicuries of cesium 137 and 50 millicuries americium 241 per source

9. Authorized use

- A. For use in Technical Operations Model 571 calibrator for calibration of survey meters.
- B. For use in Technical Operations Model 773 calibrator for calibration of survey meters.
- C. and D. For use in Troxler Model 3401 or 3411 gauges for moisture/density measurement of materials.
- E. For use in Troxler Model 2401 gauge for moisture/density measurements of materials.

1987 JUN 31 PM 4:20

RECEIVED-REGISTRATION



APPLICATION  
ATTACHMENTS  
FOR  
RADIOACTIVE MATERIAL  
LICENSE # 1

Radioactive Material  
(Element and Mass Number)

Chemical and/or Physical Form

Maximum Quantity Licensee  
May Possess at Any One Time

A. Cesium 137/ Americium 241/Be	A. Combined Sealed Sources (Troxler Dwg. A-100281 Rev. E)	A. Not to exceed 10 milli- curies of Cesium 137 and 50 millicuries of Americium 241 per source.
B. Cesium 137	B. Sealed Source (Troxler Dwg. A-102112)	B. Not to exceed 10 milli- curies per source.
C. Americium 241/Be	C. Sealed Source (Troxler Dwg. A-102451)	C. Not to exceed 60 milli- curies per source.
D. Cesium 137	D. Sealed Source (Troxler Dwg. A-102112)	D. Not to exceed 10 milli- curies per source.
E. Americium 241/Be	E. Sealed Source (Troxler Dwg. A-102451)	E. Not to exceed 60 milli- curies per source.
F. Americium 241/Be	F. Sealed Source (Troxler Dwg. 102451)	F. Not to exceed 44 milli- curies per source.
G. Cesium 137	G. Sealed Source (Campbell Pacific Model CPN 131)	G. Not to exceed 10 milli- curies per source.
H. Americium 241/Be	H. Sealed Source (Campbell Pacific Model CPN 131)	H. Not to exceed 50 milli- curies per source.
I. Americium 241/Be	I. Sealed Source (Campbell Pacific Model CPN 131)	I. Not to exceed 50 milli- curies per source.
J. Radium 226/Be	J. Sealed Source (Troxler Dwg. 100280)	J. Not to exceed 3.5 milli- curies per source.

DESCRIBE PURPOSE FOR WHICH RADIOACTIVE MATERIAL WILL BE USED

- A. For use in Troxler Model 2401 series moisture density gauges for determining density to moisture content of materials.
- B.C.D.E. For use in Troxler Model 3401 and 3411 series moisture density gauges for determining density and moisture content of materials.
- F. For use in Troxler Model 3216 surface moisture gauge for determining the moisture content of materials.
- G. For use in Campbell Pacific Model MC series moisture density gauges for determining density and moisture content of materials.
- H. For use in Campbell Pacific Model MC series moisture density gauges for determining density and moisture content of materials.
- I. For use in Campbell Pacific Model MCM surface moisture gauges for determining moisture content of materials.
- J. For use in Troxler Model 2401 series moisture density and moisture content of materials.

R E S U M E

ROBERT E. GREEN

03/30/87

TITLE

Radiation Safety Director

CURRENT CERTIFICATIONS

Level III in RT per SNT-TC-1A -- By Examination  
Level III in MT per SNT-TC-1A -- By Examination  
Level III in PT per SNT-TC-1A -- By examination  
Level III in LT per SNT-TC-1A -- By examination  
Radiation Safety Examiner -- By Examination

EXPERIENCE

03/30/87 to Present: U. S. Testing Co.  
2506 Davis Street  
San Leandro, CA 94577

Radiation Safety Director for U.S. Testing Co. - Responsible for all  
Radiation Safety for all U.S. Testing Co., facilities nation wide.

01/76 to 03/87 U. S. Testing Co.  
GRAND GULF NUCLEAR STATION

Project Manager - Overall management of 2 unit nuclear plant. Duties  
included all administrative management training and certification of  
personnel and radiation safety examiner. From start of construction  
throughout start up of unit number one. Secured on-going maintenance  
contract for continuation of NDE during operation of nuclear plant  
and provide all required NDE during outages.

05/75 to 12/75 Ketchbaw Industries  
Alaska Pipeline  
Anchorage, Alaska

Project Manager - Appointed ASNT Level III by Ketchbaw Industries. Cer-  
tified by examination Level III Alaska Pipeline Company of Alaska. Duties  
included training and certification of NDE personnel in method and radiation  
safety. In charge of all equipment for southern half of Alaska Pipeline in-  
cluding shipping and receiving of all radioactive materials, repair/rebuild  
of X-Ray machines and overall administrative management.

06/74 to 04/75 Detroit Testing Lab  
Peabody Testing Division  
Magnaflux Corporation

Manager - Responsible for all administrative management, training, certification  
and radiation safety for Magnaflux Detroit lab servicing the State of Michigan.

04/73 to 5/74

X-Ray Engineering Co.  
Enrico Fermi Nuclear Power Plant  
Monroe, Michigan

Manager - Tri-Project Manager for three construction projects in the State of Michigan, Enrico Fermi (nuclear) Midland #1 and #2 (nuclear) and D.E. Karn (conventional). Responsible for all the administrative management, training, certification and radiation safety. Certified by appointment Level III by X-Ray Engineering Company. Certified by examination Level III by Consumer's Power Company of Michigan.

01/70 to 04/73

X-Ray Engineering Co.  
Zion Nuclear Power Plant  
Zion, Illinois

Manager - Site manager for NDE construction of Zion Nuclear Station, units #1 and #2. Responsible for all administrative management, training, radiation safety and production coordination throughout construction of both units from ground breaking to on-line of two 1100 megawatt nuclear units.

10/69 to 01/70

X-Ray Engineering Co.  
Baxter Wilson Power Plant  
Vicksburg, MS

Level II Manager/Technician - Start up of NDE lab for all NDE services for construction of conventional power plant trained Level II in management/radiation safety. Set up office and the coordination of work to client requirements prior to moving to Zion Nuclear Plant.

10/67 to 10/69

PMI Corporation  
Sacramento, California

NDT Inspector - ASNT Level II in RT, MT, UT, PT and LT, and certified by examination in 1968. Projects included Oroville Dam (hydro electric), Bullards Bar Dam (hydro electric), Mercury Nevada (nuclear test site), Aero Jet Corporation (aero-space), Nuclear Testing Reactor at Idaho Falls, Idaho, and the California Aquaduct pump storage system.

09/61 to 10/67

Peabody Testing/  
X-Ray Engineering Co.  
San Mateo, California

NDT Inspector - Progressed from trainee to lead technician. Certified in RT, MT, UT and PT to the requirements of NAVSHIPS 250-1500-1, NAVSHIPS 0900-006-3010, NAVSHIPS 0900-006-9010, MIL-STD-271-D, MIL-STD-453. Also certified by the Federal Aviation Administration. NDI repairman certification Number 1739404 on November 15, 1967.

#### FORMAL EDUCATION

Berkeley High School - Graduated in 1951.

TECHNICAL TRAINING

1955	U.S.A.F.	40 Hrs. MT and PT
1961 - 1965	X-Ray Engineering Co.	80 Hrs. RT 36 Hrs. MT 80 Hrs. UT 20 Hrs. PT
1967 - 1969	PMI Corporation	40 Hrs. RT 40 Hrs. UT 60 Hrs. LT
1961 - 1970	X-Ray Engineering Co.	64 Hrs. Radiation Safety
1969 - 1973	X-Ray Engineering Co.	40 Hrs. RT 20 Hrs. MT 20 Hrs. PT 40 Hrs. UT
1975	Magnaflux Corporation	40 hrs UT 40 Hrs. ET
1978	X-Ray Engineering Co.	40 Hrs. RT 40 Hrs. MT 40 Hrs. PT Level III Seminar
1981	Prabody Testing	40 Hrs. LT

TECHNICAL ORGANIZATION MEMBERSHIPS

American Society for Nondestructive Testing (ASNT)

BETWEEN: C. James Holloway, Chief  
License Fee Management Branch  
Office of Resource Management

John E. Glenn, Chief  
Nuclear Materials Safety & Safeguards Section B  
Division of Radiation Safety and Safeguards

030-14548

03121

6/88

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee:

U.S. Testing Co. Inc.

Application Dated:

8/14/87

Control No.:

107768

License No.:

29-02477-07

2. FEE ATTACHED

Amount:

\$60

Check No.:

77813

3. COMMENTS

Signed

Porter

Date

9/15/87

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

3P

\$60

2. Correct Fee Paid. Application may be processed for:

Amendment

Renewal

License

Signed

J. Kimberley

Date

9/22/87