



# STATE ASSOCIATES, INC.

Material Testing & Inspection Services

P. O. BOX 173  
HARTWOOD, VA 22471  
(703) 752-7763

DL-122796-02

December 27, 1996

United States Nuclear Regulatory Commission  
101 Marietta St. N.w. Suite 2900 Region II  
Atlanta GA 30323-0199

Attn: Ms. Diane Heim

Reference: NRC License # 45-24967-01

Subject: Termination of License

Dear Ms Heim:

As per my telephone conversation with Mr. Dave Collins, on December 23, 1996, I am hereby notifying you that the above mentioned license is being terminated as of December 31, 1996.

I am enclosing a copy of the fax submitted to me by Mr. Collins, regarding NRC form 314, completed. The records for Tri State are being forwarded to: Testing Technologies, Inc., 14887-0 Farm Creek Dr., Woodbridge VA 22191; NRC License number 45-25007-01.

Also being sold to TTI is my Amersham Amertest 660A camera serial number A4255, with source no. A8992 carrying 22 curies.

Thank you for your attention to the above, should you have any questions, please contact me at: 540/752-2317 or Mr. Gary Kolbenstetter, RSO for TTI at 702/490-4154.

Respectfully submitted,

TRI STATE ASSOCIATES, INC.

JoAnn Dunn, President

JAD/ja  
Enc.  
cc: file  
TTI



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION II  
 101 MARIETTA STREET, N.W., SUITE 2500  
 ATLANTA, GEORGIA 30333-0199

MS Diane Helm

**TELEFAX**

TO: JO ANN DOWN License # 45-24967-01

Attn: Tri State Assoc Inc Title: President

FAX: (540) 752-7763 CITY \_\_\_\_\_, STATE VA

FROM: DAVID COLLINS TITLE: \_\_\_\_\_  
 DIVISION OF NUCLEAR MATERIALS SAFETY

DATE: 12/23/96

404-331-7437  
 FAX: (540) 752-7763 VOICE: (404) 331-5624

**SUBJECT: YOUR REQUEST FOR TRANSFER OR  
 TERMINATION OF NRC LICENSE**

Please provide the following certification, in addition to the NRC FORM 314 (Certificate of Disposition of Materials):

All records important to the safe and effective decommissioning of the facility [10 CFR 30.35(g), 40.36(f), 70.25(g), and 72.30(d)]; and all records concerning public dose and waste disposal, have been transferred to:

1. Name: Tri State Assoc Inc [Successor]  
 License # 45-25007-01 Street: 4857 E. Farm Road  
 City: Woodbridge, State: VA

OR

2. USNRC, Attn: Nuclear Materials Licensing Section, at the above address,

AND

3. There is no residual contamination of the facility or environs from licensed materials.

Signature: [Signature] Date: 12/23/96

Printed Name and Title: JO ANN DOWN, President

Tri State Associates, Inc  
500 E. 1st St  
Woodbridge, VA 22191

MATERIALS LICENSE

Amendment No. 4

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 I Parts 30, 31, 32, 33, 34, 35, 39, 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). 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 dated July 30, 1993

1 Testing Technologies, Inc.

3 License number 45-25007-01

is received in its entirety to read as follows:

2 14887-0 Farm Creek Drive  
Woodbridge, Virginia 22191

4 Expiration date December 31, 1998

5 Docket or Reference No. 030-30657

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 Iridium 192

A Sealed radiography source contained in a source assembly registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation. (See Condition No. 13)

A Not to exceed 3.7 TBq (100 curies) per source (See Condition Nos. 14 and 19)

B Cobalt 60

B Sealed radiography source contained in a source assembly registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation. (See Condition 13)

B Not to exceed 3.7 TBq (100 curies) per source (See Condition Nos. 14 and 19)

C Depleted uranium

C Metallic shielding components

C Not to exceed 999 kilograms

9. Authorized Use:

A and B For use in a compatible gamma radiography exposure device registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation for performing industrial radiography and in a compatible source changer (shipping container) registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation for source storage and exchange.

C Depleted uranium shielding components for use in radiography exposure devices and source exchangers.

NRC Form 374A  
(5-84)

## U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

45-25007-01

Docket or Reference number

030-30657

Amendment No. 4

## CONDITIONS

10. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material and may be stored at its primary storage location at 14887-0 Farm Creek Drive, Woodbridge, Virginia.
11. The Radiation Protection Officer for this license is Gary Kolbenstetter.
12. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have been trained and certified according to the following criteria:
- A. Application dated July 30, 1993 and
  - B. The provisions of 10 CFR 34.31.
13. All newly manufactured radiographic exposure devices and associated equipment acquired after January 10, 1992 shall comply with the requirements of 10 CFR 34.20. The licensee shall maintain records to verify compliance with this Section of the NRC's Regulations.
14. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 or cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in this license provided:
- A. such possession does not exceed the quantity per source specified in Item 8 by more than 20% for iridium-192 or 10% for cobalt-60;
  - B. records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and
  - C. the levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in 10 CFR 34.21.
15. The licensee may transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

NRC Form 374A  
(4-89)

U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE  
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Amendment No. 4

CONDITIONS

Continued

- 16. A. Notwithstanding the periodic leak test required by of Section 34.25(b) of 10 CFR Part 34, such requirement does not apply to radiography sources that are stored and not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No source shall be stored for longer than 10 years without being tested. The sources excepted from this test shall be tested for leakage before use or transfer to another person.
- B. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with 10 CFR Part 34.25.
- 17. Sealed sources containing licensed material shall not be opened by the licensee.
- 18. A. The licensee shall maintain records of information important to safe and effective decommissioning at 14887-0 Farm Creek Drive, Woodbridge, Virginia, pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
- B. In addition the licensee shall maintain all other records and reports required by 10 CFR 19, 20, 30 and 34 and the terms and conditions of this license, at each of the licensee's temporary job sites.
- 19. In addition to the possession limits in Item 8 and Condition 14, the licensee shall further restrict the possession of licensed material to quantities below the minimum specified 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
  - A. Application dated July 30, 1993
  - B. Letter dated (1) November 10, 1993 [added information]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

DATE

DEC 07 1993

BY

*Earl G Wright*

Region II, Nuclear Materials Licensing Section  
101 Marietta Street, N.W., Suite 2900  
Atlanta, GA 30323-0199

NRC FORM 314

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3160-0028

EXPIRES: 06/30/98

16-99)  
10 CFR 20.36(e)(1)(iv)  
10 CFR 40.42(e)(1)(iv)  
10 CFR 70.38(e)(1)(iv)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION IS 30 MINUTES. THIS SUBMITTAL IS USED BY NRC AS PART OF THE BASIS FOR ITS DETERMINATION THAT THE FACILITY HAS BEEN CLEARED OF RADIOACTIVE MATERIAL BEFORE THE FACILITY IS RELEASED FOR UNRESTRICTED USE. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (IT-8 753), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0031, AND TO THE PAPERWORK REDUCTION PROJECT (1501-0028), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503. AN AGENCY MAY NOT CONDUCT OR SPONSOR, AND A PERSON IS NOT REQUIRED TO RESPOND TO, A COLLECTION OF INFORMATION UNLESS IT DISPLAYS A CURRENTLY VALID OMB CONTROL NUMBER.

### CERTIFICATE OF DISPOSITION OF MATERIALS

INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED - PRINT OR TYPE  
SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE

LICENSEE NAME AND ADDRESS

TRI STATE ASSOCIATES, INC.  
P. O. Box 173  
Hartwood VA 22471

LICENSE NUMBER

45-24967-01

LICENSE EXPIRATION DATE

August 31, 1998

#### A. MATERIALS DATA (Check one and complete as necessary)

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:  
(Check and/or complete the appropriate item(s) below.)

- 1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.
- OR
- 2. ALL ACTIVITIES AUTHORIZED BY THE LICENSE HAVE CEASED AND ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class-C waste, and sealed sources, if applicable.

For transfers, specify the date of the transfer, the name of the licensee recipient, and the recipient's NRC license number or Agreement State name and license number.

To Be transferred 12-30-96  
Testing Technologies, Inc. NRC Lic # 45-25007-01  
14887-0 Farm Creek Dr.  
Woodbridge VA 22191 Effective date: 12-30-96

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage).

#### B. OTHER DATA

- 1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
- 2. A RADIATION SURVEY WAS CONDUCTED BY THE LICENSEE TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE. (Check one)
  - NO (Attach explanation)
  - YES, THE RESULTS (Check one)
    - ARE ATTACHED, or
    - WERE FORWARDED TO NRC ON: Date: \_\_\_\_\_

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME

JoAnn Dunn, President

TELEPHONE NUMBER (Include Area Code)

540-752-2317

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Testing Technologies, Inc.  
c/o Gary Kolbenstetter, RSO  
14887-0 Farm Creek Dr., Woodbridge VA 22191

CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

SIGNATURE

DATE

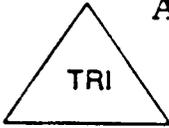
JoAnn Dunn, President

12-30-96

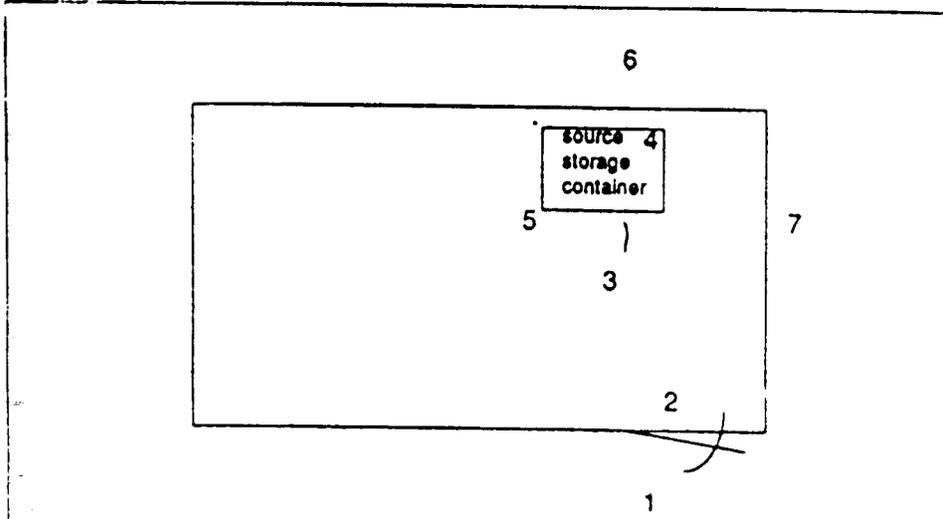
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY FEDERAL AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

AREA RADIATION SURVEY

DATE: 10/2/76



STATE ASSOCIATES, INC.



location	mR/hr	location	mR/hr
1 Entrance @ 3 ft.	0.0	5 Storage container (contact)	0.0
2 Doorway	0.0	6 Outside (rear @ 1 ft.)	0.0
3 Storage container @ 3 ft.	0.0	7 Outside (side @ 1 ft.)	0.0
4 Storage device (contact)	0.0	8 Other	0.0
Survey Meter (s/n):		Surveyor:	
Lock on door secure		lock on box secure	

COMMENTS:

\_\_\_\_\_  
Surveyor

\_\_\_\_\_  
Radiation Safety Officer

\_\_\_\_\_  
DATE