

MATERIALS LICENSE

Amendment No. 05

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, 36, 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.

OFFICIAL RECORD COPY

Licensee		In accordance with the letter dated March 13, 1997	
1. Tri State Inspection & Consultants, Inc.		3. License Number 37-19640-01 is amended in its entirety to read as follows:	
2. 108 Parkway View Drive Pittsburgh, Pennsylvania 15205		4. Expiration Date January 31, 2004	
		5. Docket or Reference No. 030-19014	
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 22.210 or an equivalent Agreement State Regulation	A. Not to exceed 100 curies per source and 1000 curies total	
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	B. Not to exceed 100 curies per source and 1000 curies total	
C. Cesium 137	C. Sealed source (Amersham/Technical Operations Model 773-02	C. 165 millicuries	
D. Cesium 137	D. Sealed source (Gamma Industries Model VD-HP)	D. 120 millicuries	
E. Cesium 137	E. Sealed source (Gamma Industries Model VD-HP)	E. 10.2 curies	
F. Depleted Uranium	F. Metal	F. 999 kilograms	



100005

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PDR ADOCK 03019014
C PDR

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-19640-01

Docket or Reference Number

030-19014

Amendment No. 05

9. Authorized use

- A. through B. For use in a compatible radiographic 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 registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation for source storage and exchange.
- C. For use in Technical Operations Model 773 Calibrator for the calibration of radiation detection equipment.
- D. For use in J.L. Sheppard Model 28-5 calibrator for the calibration of radiation detection equipment.
- E. For use in J.L. Sheppard Model 28-6A calibrator for the calibration of radiation detection equipment.
- F. Shielding for radiographic equipment.

CONDITIONS

10. Licensed material may be stored at the licensee's facilities located at the licensee's facilities at 108 Parkway View Avenue, Pittsburgh, Pennsylvania and may 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.
11. Licensed material shall be used by, or under the supervision and in the physical presence of individuals who have been designated in writing by the Radiation Safety Officer and have been trained:
- A. As specified in the application dated October 15, 1986; and
- B. In accordance with the provisions of 10 CFR 34.31.
12. The Radiation Safety Officer for this license is Dennis T. Kaiser.
13. 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; and
- 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-19640-01

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14. A. Notwithstanding the periodic leak test required by 10 CFR 34.25(b), the requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- B. Sealed sources authorized for a use other than radiography shall be tested for leakage in accordance with 10 CFR 34.25.
15. Notwithstanding the requirements of 10 CFR 34.20(a), and pursuant to 10 CFR 34.51, radiographic equipment authorized for use in radiographic operations under this license need not comply with the torque criteria of Section 8.9.2(c) of American National Standard N432-1980.
16. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. 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 October 15, 1986
- B. Application dated June 26, 1992
- C. Letter dated August 21, 1993
- D. Letter dated October 27, 1993
- E. Letter dated March 13, 1997
- F. Letter dated March 27, 1997

APR - 3 1997

Date _____

For the U.S. Nuclear Regulatory Commission

Original Signed By:
Duncan White

By _____

Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

APR - 3 1997

Dennis T. Kaiser
Radiation Safety Officer
Tri State Inspection & Consultants, Inc.
108 Parkway View Drive
Pittsburgh, Pennsylvania 15205

Dear Mr. Kaiser:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:
Duncan White

Duncan White
Division of Nuclear Materials Safety

License No. 37-19640-01
Docket No. 030-19014
Control No. 124384

Enclosure:
Amendment No. 05

DOCUMENT NAME: R:\WPS\MLTR\L3719640.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	DWhite						
DATE	04/03/97	04/ /97	04/ /97	04/ /97			

OFFICIAL RECORD COPY

ML 10



Tri State Inspection & Consultants, Inc.

108 Parkway View Drive • Pittsburgh, PA 15205
Telephone (412) 494-9479 • Fax (412) 494-9792

MS16
Q-4

March 27, 1997

United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

37-19640-01

Attn: Mr. Duncan White

Gentlemen:

Per our telephone conversation on March 21, 1997 between Mr Duncan White of NRC and Mr. Dennis T. Kaiser of Tri-State Inspection & Consultants, Inc. the following resume is submitted for Dennis T. Kaiser s/s # [REDACTED]

Mr. Kaiser was employed by Pittsburgh Testing Laboratories on February 14, 1977 which later became Professional Service Industries in 1986.

The following is a chronological listing of certification dates:

February 24, 1977	Certified Assistant Radiographer
April 19, 1977	Certified Radiographer
November 23, 1981	Designated as Radiation Safety Supervisor
April 1, 1987	Certified Assistant Radiation Safety Officer

Mr. Kaiser conducted Radiography from April 1977 thru November 4, 1995. As the Radiation Safety Supervisor and Assistant Radiation Safety Officer, he was solely responsible for the training and testing of Personnel, for ensuring all associated paperwork was complete, conducted the bulk of the field audits and assisted in the retrieval of three (3) loose encapsulated sources.

Copies of Certificates are attached to this letter as proof of qualifications.

Should additional information be required, please inform the writer.

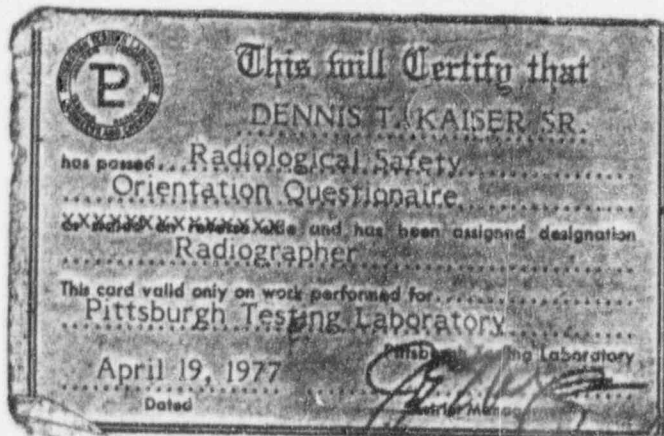
Note also that examination and test scores have been acquired from PSI and are presently on hand for future inspections.

Respectfully submitted,

Dennis T. Kaiser
Dennis T. Kaiser

OFFICIAL RECORD COPY ML 10
Quality by Integrity and Knowledge

124384
APR - 1 1997





PITTSBURGH TESTING LABORATORY

ESTABLISHED 1881

850 POPLAR STREET, PITTSBURGH, PA. 15220

AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.

AREA CODE 412 TELEPHONE 922-4000

PLEASE REPLY TO:
P. O. BOX 1646
PITTSBURGH, PA. 15230

Date: April 19, 1977

To: PITTSBURGH

From: W. H. LEVELIUS

Re: Approval Request for ☒ Radiographer
☐ Assistant Radiographer

Name: DENNIS T. KAISER, SR.

Subject approval is ☒ is not ☐ granted for the following reasons:

- ☐ Acknowledgement form not submitted (See Directive #2)
- ☐ RR-10 Training Report not submitted
- ☐ AEC-4 Form not submitted
- ☐ Required minimum hours of training not accomplished
- ☐ Oral Examination not received
- ☐ Examination not received
- ☐ Did not pass examination
- ☒ Other/Passed examination with a score of 84%.

WHLevelius:glh

cc: E. Andresky



This will Certify that

DENNIS T. KAISER

has passed..... Radiological Safety.....
..... Orientation Questionnaire.....

..... and has been assigned designation
..... Assistant Radiographer.....

This card valid only on work performed for.....
..... Pittsburgh Testing Laboratory.....

Pittsburgh Testing Laboratory

February 24, 1977

Dated

E. L. Andresky
.....
E. L. Andresky, RSC



PITTSBURGH TESTING LABORATORY

ESTABLISHED 1881

850 POPLAR STREET, PITTSBURGH, PA. 15220

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AREA CODE 412 TELEPHONE 922-4000

PLEASE REPLY TO:
P. O. BOX 1646
PITTSBURGH, PA. 15230

Date: February 24, 1977

To: PITTSBURGH

From: W. H. LEVELIUS

Re: Approval Request for ☐ Radiographer
☒ Assistant Radiographer

Name: DENNIS T. KAISER

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- ☐ RR-10 Training Report not submitted
- ☐ AEC-4 Form not submitted
- ☐ Required minimum hours of training not accomplished
- ☐ Oral Examination not received
- ☐ Examination not received
- ☐ Did not pass examination
- ☒ Other / Passed examination with a score of 94%.

WHL:glh

cc: E. Andresky



**Pittsburgh
Testing
Laboratory**

November 24, 1981

To Whom It May Concern:

This will verify that Dennis Kaiser has met the requirements of Pittsburgh Testing Laboratory Radiological Safety Program and has been designated as Radiation Safety Supervisor.

Effective date is November 23, 1981.

E. L. Andresky
Radiological Safety Coordinator




Professional Service Industries, Inc.
Pittsburgh Testing Laboratory Division

RADIATION SAFETY QUALIFICATION CERTIFICATE

THIS WILL CERTIFY THAT DENNIS KAISER HAS SATISFACTORILY
COMPLETED OUR RADIOLOGICAL SAFETY TRAINING PROGRAM AND HAS BEEN
ASSIGNED THE CLASSIFICATION OF RADIATION SAFETY SUPERVISOR.
VALID ONLY ON WORK PERFORMED FOR PSI/PITTSBURGH TESTING LABORATORY
DIVISION.

11/23/81
CERTIFICATION DATE



ASSISTANT RADIOLOGICAL SAFETY
COORDINATOR

CERTIFICATE ISSUED 1/4/91

KINGSLEY D. DRAKE, P.E.
Executive Vice President



E.L. Andresky

**Pittsburgh
Testing
Laboratory**

EXECUTIVE OFFICES

January 17, 1986

*File
Kaiser
D. Kaiser*

To: Dennis Kaiser
Radiation Safety Supervisor
PGH NDE Department

Dear Dennis:

I wish to complement you on your outstanding performance as Radiation Safety Supervisor in 1985.

Audits as well as personal observation of our Corporate Radiation Safety staff have found your records up to date, properly completed and promptly dispositioned.

I know it sometimes seems to be a thankless job but your efforts are truly appreciated.

Best wishes for a continuing "O defects" safety record in 1986.

Sincerely,

Kingsley D. Drake, P.E.
Executive Vice President

KDD/dw

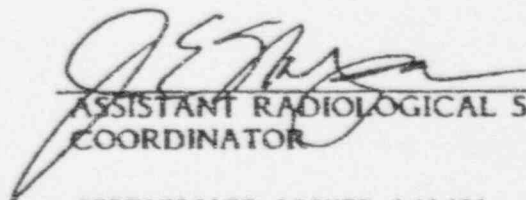
cc: E.L. Andresky
M.Y. Ruyan
D.R. Duda



Professional Service Industries, Inc.
Pittsburgh Testing Laboratory Division

RADIATION SAFETY QUALIFICATION CERTIFICATE

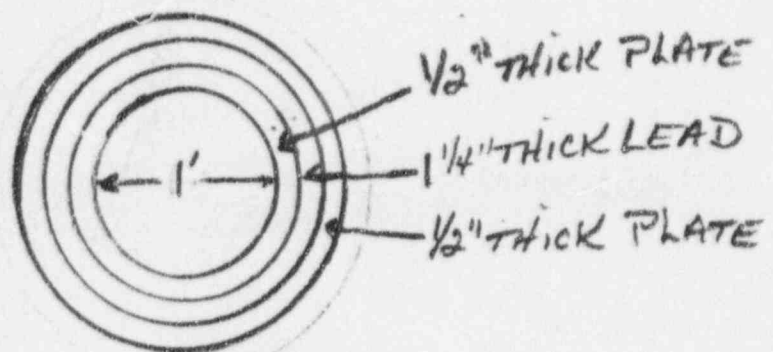
THIS WILL CERTIFY THAT DENNIS KAISER HAS SATISFACTORILY
COMPLETED OUR RADIOLOGICAL SAFETY TRAINING PROGRAM AND HAS BEEN
ASSIGNED THE CLASSIFICATION OF ASSISTANT RADIATION SAFETY OFFICER.
VALID ONLY ON WORK PERFORMED FOR PSI/PITTSBURGH TESTING LABORATORY
DIVISION.


ASSISTANT RADIOLOGICAL SAFETY
COORDINATOR

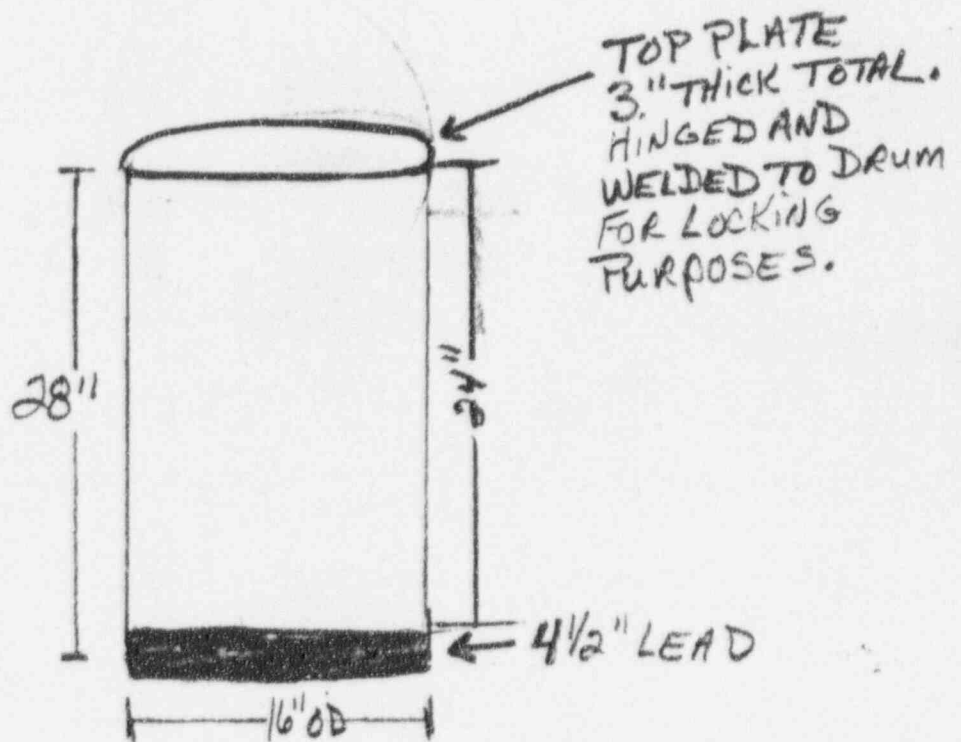
4/1/87
CERTIFICATION DATE

CERTIFICATE ISSUED 1/4/91

16" OD



TOP VIEW



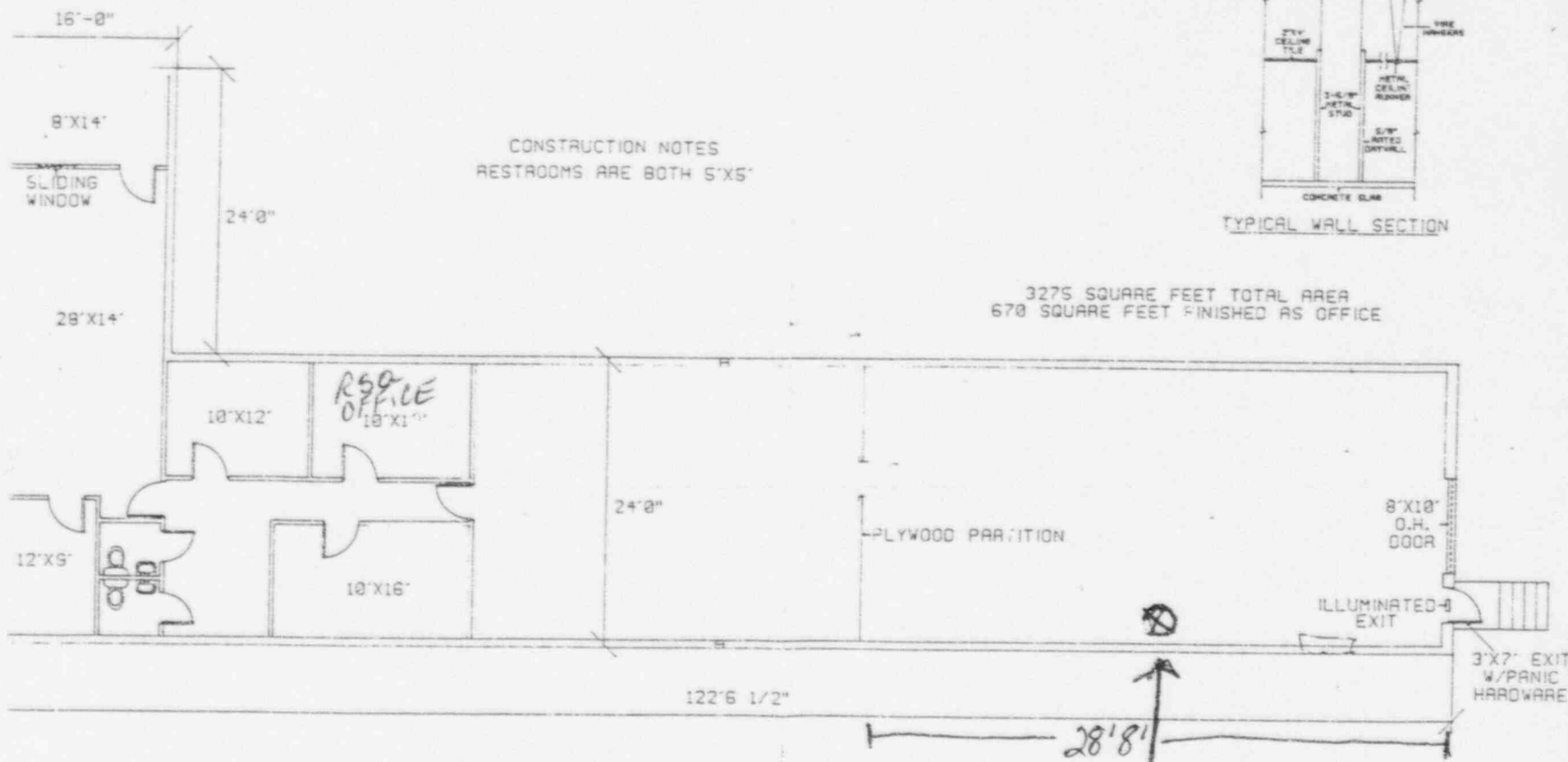
SOURCE STORAGE DRUM
CONTAINS 2 660B UNITS

NOTE: TOP PLATE CONSTRUCTED AS FOLLOWS:
1/2" THICK PLATE, 2" LEAD, 1/2" THICK PLATE

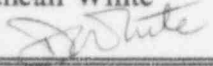
SECURITY OF SOURCE DRUM IS TO BE HANDLED AS FOLLOWS: ONLY CERTIFIED RADIOGRAPHERS AND THE RSO WILL HAVE ACCESS TO KEYS, WHICH ARE TO BE KEPT IN THE RSO OFFICE.



PITTSBURGH INDUSTRIAL PARKS



SOURCE
STORAGE DRUM
LOCATION
APPROX 14' FROM
OVERHEAD DOOR

TELEPHONE CONVERSATION RECORD		Date: 3/21/97	Time: 4:15 pm
Mail Control No.: 124384		License : 37-19640-01	Docket No.: 030-19014
Person Called: Dennis Kaiser Acting Radiation Safety Officer		Organization: Tri-State Inspection & Consultants	Telephone Number: (412) 788-1207
Person Calling: Duncan White			
Subject: Amendment Request dated MArch 13, 1997			
Summary: Request that the licensee provide the following information within 30 days. <ol style="list-style-type: none"> 1. Diagram of the facility indicating storage location of licensed material 2. Security of licensed material at new facility 3. Mr. Kaiser's qualifications 			
Action Required/Taken: MS 15			
Signature: Duncan White 		Date: March 21, 1997	



Tri State Inspection & Consultants, Inc.

115 ISLAND AVENUE • McKEES ROCKS, PA 15136

TELEPHONE (412) 771-0262

FAX (412) 771-3680

March 13, 1997

030-19014

Mr. Duncan White
United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

RE: Amendment Request to Tri-State Inspection License #37-19640-01 and QA Program Docket #71-0593

Dear Mr. White:

Please amend Lincense #37-19640-01 and QA Program Docket accordingly:

License Amendment

- 1) Tri-State Inspection & Consultants Inc.
- 2) 108 Parkway View Drive
Pittsburgh, PA 15205
- 10) Licensee's facilities located at:
108 Parkway View Drive, Pittsburgh, PA 15205
- 12) Radiation Safety Officer for the licensee is Dennis T. Kaiser

QA Program Docket Amendment

- 2) Tri-State Inspection & Consultants, Inc.
108 Parkway View Drive
Pittsburgh, PA 15205

Sincerely,

Tri State Inspection & Consultants, Inc.

Dennis T. Kaiser
Radiation Safety Officer

OFFICIAL RECORD COPY

ML 10

1 2 4 3 8 4

MAR 17 1997

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

```

: PROGRAM CODE: 03320
: STATUS CODE: 0
: FEE CATEGORY: 30
: EXP. DATE: 20040131
: FEE COMMENTS:
: DECOM FIN ASSUR REQD: N

```

A. REGION 7

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: TRI STATE INSPECTION & CONSULTANTS
RECEIVED DATE: 970317
DOCKET NO: 3019014
CONTROL NO.: 124384
LICENSE NO.: 37-19640-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED
AMOUNT: \$ 720.00
CHECK NO.: 102

- ### 3. COMMENTS

SIGNED W. A. Perkins
DATE 3/18/97

8. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED /
- N
- /)

1. FEE CATEGORY AND AMOUNT: 3A \$220

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT
RENEWAL
LICENSE

3. OTHER -----

SIGNED _____
DATE _____

Log APR 4
 Remitter NO NAME - Signed by BRAD GREENWALD
 Check No. 102
 Amount \$220
 Fee Category 30
 Type of Fee AND
 Date Check Rec'd 4/4/97
 Date Completed _____
 By: BB

1997 MAR 21 AM 9:44