

DL-011199_03

January 11, 1999

Freelance Technical Associates, Inc.
ATTN: Mr. John Beirne
207 Fairmont Avenue
Fairmont, West Virginia 26554

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION CONCERNING RADIOACTIVE
MATERIALS LICENSE REQUEST DATED NOVEMBER 9, 1998
(DOCKET NO. 030-34879, MAIL CONTROL NO. 258160)

Dear Mr. Beirne:

This refers to your license request dated November 9, 1998, which will result in the issue of License No. 47-25453-01. Please find below the areas that need to be clarified with additional information. The paragraphs here are numbered the same as in your application documents. The following information is needed to complete our review of your amendment request:

7. Your application does not clearly state the name of the individual you expect to be named Radiation Safety Officer (RSO) on the license. Please tell us who this person is. Additionally, in order to take advantage of the fee exemption for any future Radiation Safety Officer amendments, it is a requirement that the following statement be used: "Before being named as the RSO, future RSO's will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 1, dated May 1997.
10. Radiation Safety Program - Leak Test

Your application does not address Leak Tests to be performed on the gauges. Please state the option you intend to use (see page 8-19, NUREG-1556, Vol.1). This response cannot be included in the generic statement about Operating and Emergency Procedures.
10. Radiation Safety Program - Maintenance

Your program does not address Routine Cleaning and Lubrication. This section also deals with maintenance which involves source rod removal. Please state the option you wish to have included in your license (see pages 8-21 & 22, NUREG-1556, Vol. 1). As with the above, this cannot be included in the generic response about Operating and Emergency Procedures.

Our review of your amendment request will continue upon receipt of the above requested information. Please provide two copies of your reply and refer to Mail Control No. 258160. If you wish, replies may be transmitted via electronic facsimile (FAX) to (404) 562-4955. You should then mail the original copy of any electronically transmitted documents. If you have any questions, please call me at (404) 562-4735 or 800-577-8510 (Extension 24735) or contact me via Internet at djc3@nrc.gov.

If we do not receive a reply from you within thirty (30) days from the date of this letter, we will assume that you do not wish to pursue your amendment request, and may void the request.

Sincerely,



David J. Collins, License Reviewer
Division of Nuclear Materials Safety

OFFICE	RH:DNMS	RH:DNMS					
SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>					
NAME	DJCollins	MSLesser					
DATE	1/11/99	1/11/99	1/ /99	1/ /99	1/ /99	1/ /99	1/ /99
COPY?	YES NO	YES NO	YES NO				

11-16-98
DATE

This is to acknowledge the receipt of your letter/application dated Nov. 9, 1998, and to inform you that the initial processing, which includes an administrative review, has been performed.

- There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.
- Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed in 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 258160
When calling to inquire about this action, please refer to this mail control number
You may call me at 404-562-4723.

Sincerely,

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, Arm : Program Code: 00000
and : Status Code: 0
Regional Licensing Sections : Fee Category
: Exp. Date:
: Fee Comments: _____
: Decom Fin Assur Reqd: _____

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED

Applicant/Licensee: *Freelance Technical Associates, LLC*
Received Date: *10/198 11/15/98*
Docket No: *030 34879*
Control No.: *258 100*
License No.: *47-25453-C1*
Action Type: *2*

2. FEE ATTACHED

Amount: *None*
Check No.: _____

3. COMMENTS

Signed *Diane Horn*
Date *10 98*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered)

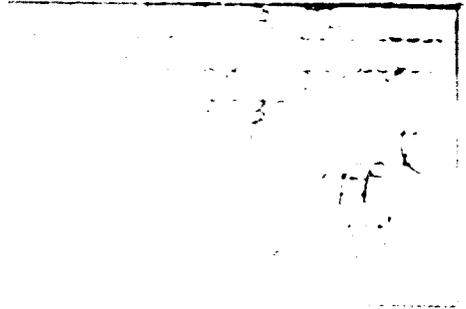
1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____



LICENSE FEE REQUIREMENTS

ATTN: RITA MESSIER 301-416-8067
U.S. Nuclear Regulatory Commission
License Fee and Accounts Receivable Branch
P. O. Box 954614
St. Louis, MO 63196-4614

FREELANCE TECHNICAL ASSOCIATES, INC.
ATTN: JOHN BEIRNE
207 FAIRMONT AVENUE
FAIRMONT, WV 26554

TYPE OF ACTION

- NEW LICENSE
- RENEWAL OF LICENSE
- AMENDMENT TO LICENSE

REQUESTED DATE

11/09/1998

LICENSE NUMBER

CONTROL NUMBER

258160

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of 10 CFR Part 170. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
3P	\$ 730.00	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(S) DUE \$ 730.00
PAYMENT RECEIVED \$
AMOUNT DUE \$ 730.00

II. FEE NOT REQUIRED

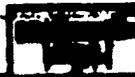
- Check Number: Enclosed is your check which accompanied your request. The fee is not required because:
- Check Number: We received your check listed in payment of the fee.
- Date of Request: The Licensing staff has informed us that your request is to be considered as a continuation of the request listed.
- Control Number: [blank]
- Date of Request: Your request was combined prior to review with the request listed.
- Control Number: [blank]

III. CHECK RETURNED

- Check Number: Enclosed is your check which was returned to us by the bank for

INSUFFICIENT FUNDS

QUALITY MEANS MEETING THE REQUIREMENTS BOX 4514
SERIAL 004 \$ 0000073000 BR 1 12-13-98 20 9



FREELANCE TECHNICAL ASSOCIATES, INC.
207 FAIRMONT AVENUE
FAIRMONT, WV 26554

SOCIATES, INC.

USD VALLEY BANK
PAYMENT BY CHECK

2908

2808

Memo:

PAY Seven Hundred Thirty and 0/100 Dollars

11/11/98
1 000 000 000
1 00

U.S. NUCLEAR REGULATORY COM.
ATTN: RITA MESSIER-LICENSE FEE
P. O. BOX 954614
ST. LOUIS, MO 63195-4514

444-98

DATE Dec 8, 1998

DATE

AMOUNT *****\$730.00

Rita Messier
RITA MESSIER

⑆002908⑆ ⑆051503268⑆ 2001000858⑆

⑆0000073000⑆

MERCANTILE BANK

MERCANTILE BANK OF ST. LOUIS, MO
A FARMERS GROUP COMPANY

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (7-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

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

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19408-1415

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

US NRC RII-ATLANTA FEDERAL CENTER
SUITE 23785, ATTN: DNMS
61 FORSYTH STREET
ATLANTA, GA 30303

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
801 WARRENVILLE RD.
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8084

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 JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)	2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)
<input checked="" type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	Freelance Technical Associates, Inc. 207 Fairmont Avenue Fairmont, WV 26554

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
207 Fairmont Avenue Fairmont, WV 26554 and licensed material will be used at temporary job site throughout U.S.	John Beattie TELEPHONE NUMBER (304) 366-8088

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 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 EXPERIENCE	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM
11. WASTE MANAGEMENT	12. LICENSE FEES (See 10 CFR 170.46 and Section 170.31) FEE CATEGORY: <u>3F</u> AMOUNT: <u>750.00</u> ENCLOSED \$: <u>750.00</u>

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, 36, 38 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE: **Danny L. Bainbridge, President**
SIGNATURE: *Danny L. Bainbridge* DATE: **11-2-98**

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

LICENSE FEE REQUIREMENTS

ATTN: RITA MESSIER 301-416-6067
U.S. Nuclear Regulatory Commission
License Fee and Accounts Receivable Branch
P. O. Box 964514
St. Louis, MO 63196-4514

FREELANCE TECHNICAL ASSOCIATES, INC.
ATTN: JOHN BEIRNE
207 FAIRMONT AVENUE
FAIRMONT, WV 26554

TYPE OF ACTION

- NEW LICENSE
- RENEWAL OF LICENSE
- AMENDMENT TO LICENSE

REQUESTED DATE

11/09/1998

LICENSE NUMBER

CONTROL NUMBER

258160

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of 10 CFR Part 170. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
3P	\$ 730.00	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(S) DUE \$ 730.00
PAYMENT RECEIVED \$
AMOUNT DUE \$ 730.00

- Your request was received without the prescribed application fee.
- We received your check listed below. Payment of the additional fee noted above is required.
Check Number _____
Amount \$ _____
- Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).
- Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

SIGNATURE - LICENSE FEE ANALYST

RITA MESSIER

LFDCB

RE Messier

11/30/98

LFDCB

Distribution
OC/DAF/LFARB S/F (LF-3.2.7)
OC/DAF/LFARB RF
OC/DAF R/F

Pending Cy

cc Region II

DATE

11/30/1998

II. FEE NOT REQUIRED

- Check Number: Enclosed is your check which accompanied your request. The fee is not required because:
- Check Number: We received your check listed in payment of the fee.
- Date of Request: The Licensing staff has informed us that your request is to be considered as a continuation of the request listed.
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- Control Number: We received your check listed in payment of the fee.

III. CHECK RETURNED

- Check Number: Enclosed is your check which was returned to us by the bank for:
- INSUFFICIENT FUNDS
- ACCOUNT CLOSED
- OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER

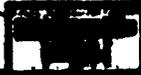
IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

- License Number: The listed license was issued without the required fee being collected. The fee required is noted in Section I of this form.
- Amendment Number: The listed license was issued without the required fee being collected. The fee required is noted in Section I of this form.
- Date Issued: The listed license was issued without the required fee being collected. The fee required is noted in Section I of this form.

The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section I of this form. Refer to Section 170.31 and Footnote 1(d)(2).

Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section I of this form.

QUALITY MEANS MEETING THE REQUIREMENTS BOX 4514
SERIAL 004 \$ 0000073000 BRN 1 12-13-98 20 9



MERCANTILE BANK OF ST. LOUIS, N.A.
MEMPHIS TECHNICAL ASSOCIATES, INC.

ST. LOUIS, MO 63101

1998

2008

MEMO:

~~APP~~
APPEND

3P
APPEND APP
NOV 3 11

PAY Seven Hundred Thirty and 0/100 Dollars

TO THE ORDER OF

U.S. NUCLEAR REGULATORY COM.
ATTN: RITA MESSIER-LICHSE FEE
P.O. BOX 95414
ST. LOUIS, MO 63195-4514

99-9-98

DATE
Dec 8, 1998

AMOUNT
*****\$730.00

Ronald B. ...
AUTHORIZED SIGNATURE

⑆002908⑆ ⑆051503268⑆ 2001000868⑆ ⑆0000073000⑆

MERCANTILE BANK
MEMPHIS TECHNICAL ASSOCIATES, INC.

(70-64)
10 CFR 30.32, 33
34, 35, 36, 38 and 40

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (7-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON DC 20503.

APPLICATION FOR MATERIAL LICENSE

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OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

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LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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

US NRC RII-ATLANTA FEDERAL CENTER
SUITE 23785, ATTN: DNMS
61 FORSYTH STREET
ATLANTA, GA 30303

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD.
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4064

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 JURISDICTIONS.

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

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

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

Freelance Technical Associates, Inc.
207 Fairmont Avenue
Fairmont, WV 26554

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

207 Fairmont Avenue
Fairmont, WV 26554
and licensed material will be used at temporary
job site throughout U.S.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

John Beirne

TELEPHONE NUMBER

(304) 366-6288

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 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 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 170.2)

FEE CATEGORY SP

AMOUNT ENCLOSED \$ 750.00

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, 36, 39 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.

CERTIFYING OFFICER - TYPE/PRINTED NAME AND TITLE

Danny L. Bainbridge, President

SIGNATURE

DATE

11-9-95

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

Item 5 - Radioactive Material

The following materials are to be possessed:

<u>Radioisotope</u>	<u>Sealed Source</u>	<u>Max. Activity per Source</u>
CS - 137	Troxler A-102112	9 mCi
Am-241:Be	Troxler A-102451	44 mCi

Data on Registration Certificates

<u>Manuf./Distributor</u>	<u>Registry No.</u>	<u>Model No.</u>
Troxler Electronic Laboratories	NC-646-D-130-S	3400 series, 3430-M

We will confine our possession of licensed material to quantities such that we will not exceed the applicable limits set forth in 10CFR 30.35(d).

Item 6 - Purpose(s) For Which Licensed Material Will Be Used

The licensed material is for use in Troxler Model 3400 series gauges to measure the density of soils, aggregates and construction materials

Item 7 - Individual(s) Responsible for Radiation Safety Program and Their Training Experience

Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG - 1556, Vol. 1, dated May 1997

Item 8 - Training Provided to Other Users

Each individual that will operate the nuclear gauge will complete the Troxler nuclear gauge training course. The individual will receive copies of and training in gauge operation and emergency procedures. The individual will have written designation from the RSO as an authorized gauge user. Copies of each individual's Troxler training certificate, commitment that course meets NRC requirements, written acknowledgment of operator/emergency training, and a written RSO designation will be maintained for 3 years after the individual terminates employment.

Item 10 - Radiation Safety Program

Survey Instruments

At each job site there will be one Trox Alert survey instrument capable of measuring between 0-100 mrem/hr (0-1000 Msv/hr)

Calibration Frequency: Annually by manufacturer

Calibration: Troxler Electronic Labs
P. O. Box 12057
Research Triangle Park, NC 27709

NRC License #32-05998-03
NC Dept. of Environment, Health, and Natural Resources
License #32-0182-1

<u>Type of Instrument</u>	<u>Radiation Detected</u>	<u>sensitivity Range</u>	<u>Widow Thickness</u>
GM Survey Instrument	alpha,beta,gamma, and x-ray	0-100mr/hr	<u>1.4 mg</u> cm

Prior to the operation of the gauge the response of the survey meter will be checked using the gauge sources

During the absence of the survey meter for calibration a replacement meter will be used or the gauge will remain in storage until the return of the survey meter from calibration

Material Receipt and Accountability

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license and the record of inventory maintained for 3 years from date of the inventory.

Occupational Dosimetry

Either we will maintain, for inspection by NBC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry processed and evaluated by a NVLAP - approved processor that is exchanged at a frequency recommended by the processor.

Public Dose

Submittal of response for the public dose section is not required during licensing phase and will be examined during an inspection.

Operating and Emergency Procedures

Operating and emergency procedures will be developed, implemented and maintained and will meet the criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures" in NUREG - 1556, Vol. 1, dated May 1997.