

## MATERIALS LICENSE

Amendment No. 02

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.

Licensee		301739	
1. Weaver Boos Consultants, Inc.		In accordance with the letter dated July 30, 1996	
2. 1944 N. Griffith Blvd., Unit C Griffith, IN 46319		3. License Number 13-26305-01 is amended in its entirety to read as follows:	
		4. Expiration Date May 31, 2001	
		5. Docket or Reference No. 030-32137	
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. Cesium-137	A. Sealed source (Troxler Dwg. No. 102112)	A. No single source to exceed 10 millicuries (See License Condition No. 10)	
B. Americium-241	B. Sealed source (Troxler Dwg. No. 102451)	B. No single source to exceed 50 millicuries (See License Condition No. 10)	
C. Cesium-137	C. Sealed source (Boart Longyear Company Model CPN-131)	C. No single source to exceed 10 millicuries (See License Condition No. 10)	
D. Americium-241	D. Sealed source (Boart Longyear Company Model CPN-131)	D. No single source to exceed 50 millicuries (See License Condition No. 10)	

## 9. Authorized Use:

A. and B. To be used in Troxler Model 3400 Series surface moisture/density gauges.

C. and D. To be used in Boart Longyear Company Model MC Series moisture/density gauges

## CONDITIONS

10. The licensee shall not possess, use or store more than 15 portable gauging devices at any one time.

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PDR ADOCK 03032137  
C PDR

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

13-26305-01

Docket or Reference Number

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Amendment No. 02

11. Licensed material may be used at 1944 Griffith Blvd., Griffith, Indiana and 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.
12. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have successfully completed the device manufacturer's training course for gauge users and have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
13. The Radiation Protection Officer for the activities authorized by this license is Joseph W. Moser.
14. A. (1) The source(s) specified in Item(s) 7.A. and B. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.  
(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.  
B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.  
C. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351, ATTN: Chief, Nuclear Materials Safety Branch. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.  
D. The licensee is authorized to collect leak test samples for analysis by Troxler or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. Sealed sources containing licensed material shall not be opened or removed from the moisture/density gauges by the licensee.

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16. When performing tests at temporary job sites, the authorized user shall not leave the moisture/density gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss or theft.
17. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
18. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. Any cleaning, maintenance or repair of the gauge(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specially licensed by the Commission or an Agreement State to perform such services.
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 U.S. 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 April 2, 1991; and
  - B. Letters dated July 30, 1996 and September 23, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 10/2/96

By

*Michael F. Webb*

Nuclear Materials Licensing Branch, Region III

COPY

(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

Program Code: 03121  
Status Code: 0  
Fee Category: 3P  
Exp. Date: 20010531  
Fee Comments:  
Decom Fin Assur Req'd: N

R7

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: WEAVER BOOS CONSULTANTS  
Received Date: 960819  
Docket No: 3032137  
Control No.: 301739  
License No.: 13-26305-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: 0  
Check No.: 0

3. COMMENTS

Signed A. Hersey  
Date 8-23-96

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 01 is entered)

1. Fee Category and Amount: 3P \$300

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

Amendment ☒  
Renewal ☐  
License ☐

3. OTHER

Signed SC  
Date 8/27/96

SEP 03 1996

Log	Aug 11 10
Remitter	
Check No.	8254
Amount	\$1916.80 (\$300)
Fee Category	3P
Type of Fee	Amd
Date Check Rec'd	8/27/96
Date Completed	8/27/96
By:	SC

1 Check Rec'd/Dep. by Lockbox  
\$1616.80 applied to Invoice AM3791-96



Weaver  
Boos  
Consultants, Inc.

RECEIVED

JUL 31 1996

WEAVER BOOS CONSULTANTS

1944 N. GRIFFITH BLVD. UNIT C GRIFFITH, INDIANA 46319 219-923-9609 FAX 219-923-9641

July 30, 1996

U.S. Nuclear Regulatory Commission  
Region III, Licensing Department  
801 Warrenville Road  
Lisle, Illinois 60532

Attn: Licensing Department

Enclosed you will find a check in the amount of \$300.00 as per the conversation held July 30, 1996 with Ms. Shirley Crutchfield of the U.S. Nuclear Regulatory Commission. Ms. Crutchfield informed me that a \$300.00 address amendment fee is required to change the licensee address on the U.S. NRC Materials License.

Weaver Boos Consultants, Inc. has opened a new lab in Griffith, Indiana where our nuclear materials will be stored from this point forward. I have included a sketch of our new office where the licensed material will be stored. Please update our Nuclear Materials License (#13-26305-01) to reflect our new address.

We would like to have the licensee address on our Nuclear Materials License changed from:

Weaver Boos Consultants, Inc.  
601 Beardsley Avenue - Elkhart, Indiana 46514


to:

**Weaver Boos Consultants, Inc.**  
**1944 N. Griffith Boulevard, Unit C - Griffith, Indiana 46319**  
**(219) 923-9609**

Licensed material may be used at 1944 Griffith Blvd, Unit C, Griffith, Indiana 46319 and 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.

Please contact me if you have any questions or concerns in this matter.

Sincerely,

  
Joseph W. Moser  
Radiation Protection Officer

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ENVIRONMENTAL AND GEOTECHNICAL SERVICES  
Chicago, IL Elkhart, IN Albuquerque, NM

Pm: 8-8-96

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AUG 19 1996

REGION III

301739

AUG 19 1996

OCT 09 1996

William Scott Greer  
Engineering Associate  
Weaver Boos Consultants, Inc.  
1944 N. Griffith Blvd., Unit C  
Griffith, IN 46319

Dear Mr. Greer:

Enclosed is Amendment No. 02 to your NRC Material License No. 13-26305-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
  - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
  - b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
  - a. Change Radiation Safety Officers;

301739

- b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
  - c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
  - d. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By  
Michael F. Weber  
Nuclear Materials Licensing Branch

License No.: 13-26305-01  
Docket No.: 030-32137

Enclosure: Amendment No. 02

DOCUMENT NAME: M:\03032137.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII	<input checked="" type="checkbox"/>							
NAME	MWEBER:jaw								
DATE	10/6/96								

OFFICIAL RECORD COPY

*Weaver  
Boos  
Consultants, Inc.*

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1944 N. GRIFFITH BLVD. UNIT C GRIFFITH, INDIANA 46319 219-923-9609 FAX 219-923-9641

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September 23, 1996

Mr. Michael Weber  
Materials Licensing  
Region III, USNRC  
801 Warrenville Road  
Lisle, Illinois 60532

**Re: Amendment Request - Response Letter  
Control Number 301739  
License No. 13-26305-01**

Dear Mr. Weber:

In response to your request for additional information regarding our requested amendment listed above, the following itemizes our responses to the seven (7) points listed in your facsimile dated September 14, 1996 pertaining to "Item 9":

1. The proposed facility is an existing structure which is currently undergoing internal remodeling to fit our needs.
2. The proposed facility is located in the Brant Industries Park Complex which houses several light industrial and manufacturing facilities. No residences are located in the Industrial Park Complex, but there are residential apartments located to the south.
3. We have completed construction of a storage room in the northeast corner of the garage area for permanent storage of the density gauges. The room will also be used to store other miscellaneous field equipment.
4. The storage room has been fitted with a locking door, and the key will remain in the custody of the radiation safety officer. The gauges will also be chained and locked inside the storage room, which is located inside a lockable building.

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ENVIRONMENTAL AND GEOTECHNICAL SERVICES  
Chicago, IL                      Elkhart, IN                      Albuquerque, NM

**RECEIVED**  
**OCT 02 1996**  
**REGION III**  
**OCT 02 1996**



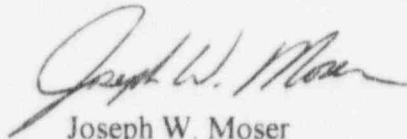
5. During transportation, gauges will be either (1) chained and locked in the rear of an open bed truck, (2) secured and out of sight in the rear of a locked van, or (3) locked in the trunk of a car.
6. Authorized users are periodically reminded of their responsibility to maintain control of the gauge at all times while in their possession. When not in use, the gauges are to be returned to their cases and secured as if in transport.
7. If temporary jobsites are local (no overnight stay necessary), gauges are required to be returned to the permanent storage area each day. In cases where travel back to the permanent storage area is unfeasible, the gauge will be secured inside a locked construction trailer or other unused building on the jobsite away from the general population and properly posted in accordance with 10 CFR 20.1903.

We trust this information sufficiently answers your questions. Should you need additional information, please call us at (219) 923-9609.

Respectfully submitted,



William Scott Greer  
Engineering Associate



Joseph W. Moser  
Radiation Safety Officer

WSG/JWM:cd  
Enclosures

## APPLICATION FOR LICENSE RENEWAL

Address where licensed material will be used or possessed:

**Weaver Boos Consultants, Inc.**  
**1944 Griffith Boulevard, Unit C**  
**Griffith, Indiana 46319**

The following is a sketch of our new office at the above address where the licensed materials will be used and/or stored. All licensed material will be stored in a locked storage room to which only individuals who have successfully completed the device manufacturer's training course for gauge users and have been designated by the licensee's Radiation Protection Officer will be allowed access.

Licensed material may also be used 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.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351  
708-829-9800 (phone), 708-515-1259 (fax)

CONVERSATION RECORD

TIME

1:30 pm

DATE

9/19/96

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

NAME OF PERSON(S) CONTACTED

ORGANIZATION (OFFICE, DEPT. ETC.)

TELEPHONE NO.

Joe Moser, RSO

Weaver Boos Consultants

219-923-9609

SUBJECT

Amend. Request (Control No. 301739)

SUMMARY

- 1) Your letter said there was a sketch of the new office enclosed; however, the sketch wasn't enclosed.
- 2) I'll fax the relevant section of DG-0008 to you - there are many questions regarding the facility which you must answer before the amendment can be granted.

ACTION REQUIRED

Wait for response.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Michael F. Weber

|  |

| 9/19/96