

MATERIALS LICENSE

Amendment No. 11

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.

301699

Licensee		In accordance with letter dated July 29, 1996	
1. City of Columbus, Ohio Construction Inspection Division		3. License Number 34-13103-02 in amended in its entirety to read as follows:	
2. 1800 East 17th Avenue Columbus, OH 43219		4. Expiration Date March 31, 2002	
		5. Docket or Reference No. 030-11722	
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. A-102112)	A. No single source to exceed 10 millicuries	
B. Americium-241	B. Sealed source (Troxler Dwg. No. A-102451)	B. No single source to exceed 50 millicuries	

9. Authorized Use:

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

CONDITIONS

10. Licensed material may be stored at the licensee's facilities located at 1800 East 17th Avenue, Columbus, Ohio and may 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.

The licensee may store material in accordance with procedures outlined in application dated January 15, 1993 and letter dated June 23, 1993.

11. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have completed the gauge manufacturer's training course 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.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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12. The Radiation Protection Officer for the activities authorized by this license is David L. Smith.
13. A. (1) The source(s) specified in Item(s) 7.A. and 7.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.
14. Sealed sources containing licensed material shall not be opened or removed from the gauges by the licensee.
15. 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.
16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 2 years from the date of each inventory.

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17. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. 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 specifically licensed by the Commission or an Agreement State to perform such services.
19. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
20. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in item 2 of this license per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
21. 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 March 11, 1992, January 15, 1993; and
 - B. Letter dated June 23, 1993.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

October 15, 1996

By

Gladys Watson
Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 19970331
FEE COMMENTS:
DECOR FIN ASSUR RECD: N

SS

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: COLUMBUS, CITY OF
RECEIVED DATE: 960807
DOCKET NO: 3011722
CONTROL NO.: 301699
LICENSE NO.: 34-13103-02
ACTION TYPE: AMENDMENT

2. FEE ATTACHED
AMOUNT:
CHECK NO.:

3. COMMENTS

SIGNED
DATE

[Signature]
8/1/96

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED /__/))

1. FEE CATEGORY AND AMOUNT: 3P

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

3. OTHER

SIGNED
DATE

RECEIVED
AUG 19 1996
REGION III

AUG 19 1996

Log	<u>Aug 6 III</u>
Remitter	<u> </u>
Check No.	<u> </u>
Amount	<u> </u>
Fee Category	<u>3P</u>
Type of Fee	<u>ACCD</u>
Date Check Rec'd	<u> </u>
Date Completed	<u> </u>
By:	<u> </u>



City of Columbus
Mayor Gregory S. Lashutka

Public Service Department

Thomas B. Merritt, Director

July 29, 1996

34-13103-02

030-11722

U.S. Nuclear Regulatory Commission
Region III
Attention: John Madera, Materials Licensing Section
801 Warrenville Rd.
Lisle, Illinois 60532-4351

Re: Material License Amendment

Dear Mr. Madera:

We hereby request that the following amendment be immediately made part of our current license.

We sincerely appreciate your assistance in this matter.

AMENDMENTS

1. Change the radiation safety officer (RSO) for the activities authorized by this license from Stephen P. Henne to David L. Smith.

Given the fact that Mr. Smith has been hired as our Divisions' Safety Technician, we feel that the RSO duties should be transferred to him at this time.

A check in the amount of \$300.00 will be forwarded directly from the Auditor's office within two weeks from the date of this request.

Sincerely,

Edward E. Carlson, P.E.
Administrator
Construction Inspection Division

cc: Richard Cummins, Steve Henne

PM: 8-5-96

RECEIVED

AUG 7 - 1996

REGION III

614-645-8290 Director's Office
614-645-3182 Construction Inspection Division
614-645-8376 Engineering and Construction Division
614-645-8281 Fleet Management Division
614-645-7620 Refuse Collection Division
614-645-7790 Traffic Engineering and Parking Division

City Hall/90 West Broad Street, 3rd Floor/Columbus, Ohio 43215-9009
1800 East 17th Avenue, Columbus, Ohio 43219-1007
109 North Front Street, 3rd Floor/Columbus, Ohio 43215-9023
423 Short Street/Columbus, Ohio 43215-5614
2100 Alum Creek Drive/Columbus, Ohio 43207-1714
109 North Front Street, 2nd Floor/Columbus, Ohio 43215-9024

FAX: 645-7896
FAX: 645-7896
FAX: 645-7896
FAX: 645-7347
FAX: 645-3053
FAX: 645-7921

301699 AUG 19 1996
AUG 07 1996

No 27097

Certificate Of Completion

This is to certify that DAVID L. SMITH has completed the
basic CPN® training course on Radiation Safety and Use of Nuclear Gauges,
held this 10 th day of JULY 19 96 in the
City of AMANDA State of OHIO by Boart Longyear Company.

Boart Longyear Company
2830 Howe Road
Martinez, California 94553 USA
Phone: (510) 228-9770
Fax: (510) 228-3183



Willie Cline
INSTRUCTOR
Willie Cline
RADIATION SAFETY OFFICER
WILLIE CLINE

OCT 16 1996

Edward E. Carlson, P.E.
Administrator
City of Columbus, Ohio
Construction Inspection Division
1800 East 17th Avenue
Columbus, OH 43219

Dear Mr. Carlson:

Enclosed is Amendment No. 11 to your NRC Material License No. 34-13103-02 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;

301699

E. Carlson

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- 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
Gidget Watson
Nuclear Materials Licensing Branch

License No.: 34-13103-02
Docket No.: 030-11722

Enclosure: Amendment No. 11

DOCUMENT NAME: M:\03011722.CL6

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OFFICE	DNMS/RIII	N							
NAME	GWATSON:jaw								
DATE	09/09/96 CW								

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