

MATERIALS LICENSE

Amendment No. 07

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.

302284

Licensee

1. Great Lakes Testing, Inc.

2. 3171 Gross Street
Green Bay, WI 54304In accordance with letter dated
January 30, 19973. License Number 48-26484-01 is amended
in its entirety to read as follows:

4. Expiration Date July 31, 2003

5. Docket or
Reference No. 030-331206. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Iridium-192

A. Sealed source
(Amersham Model 89912,
Industrial Nuclear
Models 8 or 88, or
SPEC Model G-3F)A. No single source to
exceed 100 curies

B. Iridium-192

B. Sealed source
(Amersham Model 89911,
Industrial Nuclear
Models 2 or 22, or
SPEC Models G-1F or
G-3F)B. No single source to
exceed 100 curies

C. Iridium-192

C. Sealed source
(Industrial Nuclear
Models 32 or 33, or
SPEC Models G-40F or
G-40T, Amersham
Model 89916)C. No single source to
exceed 120 curies

D. Iridium-192

D. Sealed source
(Amersham Model
A-424-9, Industrial
Nuclear Model 7, or
SPEC Models T-5 or
T-5F)D. No single source to
exceed 100 curies

E. Cesium-137

E. Sealed source
(Amersham Model 773)E. One source not to
exceed 165 millicuries

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9704140027 970220
PDR ADOCK 03033120
C PDR

COPY

oli ml
230
SD

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

48-26484-01

Docket or Reference Number

030-33120

Amendment No. 07

- | | | |
|---|--|--|
| 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 |
| F. Iridium-192 | F. Sealed source (SPEC G-1T, G-1F, G-3F, Amersham 89911, or Industrial Nuclear 88) | F. No single source to exceed 100 curies |
| G. Iridium-192 | G. Sealed source (Amersham A424-9) | G. No single source to exceed 140 curies |
| H. Iridium-192 | H. Sealed source (SPEC T-5 or T-5F) | H. No single source to exceed 100 curies |
| I. Iridium-192 | I. Sealed source (SPEC G-60) | I. No single source to exceed 100 curies |
| J. Uranium depleted in uranium-235 | J. Solid Metal | J. Not to exceed 999 kilograms total possession limit |

9. Authorized Use:

- A. For use in Gamma Industries Model Century SA exposure device for industrial radiography and Gamma Industries Model C-10, Industrial Nuclear Model IR-50 or SPEC Model C-1 source changers for storage and replacement of sources.
- B. For use in Gamma Industries Model Century exposure device for industrial radiography and Gamma Industries Model C-10, Industrial Nuclear Model IR-50 or SPEC Model C-1 source changers for storage and replacement of sources.
- C. For use in Industrial Nuclear Model IR-100 exposure device for industrial radiography and Industrial Nuclear Model IR-50 or SPEC Model C-1 source changers for storage and replacement of sources.
- D. For use in Amersham Model 660 exposure device for industrial radiography and Amersham Model 650, Industrial Nuclear Model IR-50 or SPEC Model C-1 source changers for storage and replacement of sources.
- E. For use in Amersham Model 77302 device for calibration of the licensee's instruments.
- F. For use in SPEC Model 2-T exposure device for industrial radiography and SPEC Model C-1, and Gamma Industries Model C-10, changer for storage and replacement of sources.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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- G. For use in Amersham Model 660B exposure device for industrial radiography and Amersham Model 650L source changers for storage and replacement of sources.
- H. For use in Amersham Model 660B exposure device for industrial radiography and SPEC Model C-1 source changers for storage and replacement of sources.
- I. For use in SPEC Model 150 exposure device for industrial radiography and SPEC Model C-1 source changers for storage and replacement of sources.
- J. For shielding in radiographic exposure devices, source changers and collimators.

CONDITIONS

- 10. Licensed material may be used at the licensee's facilities located at 3171 Gross Street, Green Bay, Wisconsin 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.
- 11. The Radiation Safety Officer for this license is Scott Shaw.
- 12. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in letters dated June 28, 1994 and August 15, 1994 and have been approved in writing by the Radiation Safety Officer.
- 13. 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 exempted 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.
- 14. The licensee is authorized for License Items 6.A. through 6.F. to receive, possess, and use sealed sources of iridium-192 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; 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.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

48-26434-01

Docket or Reference Number

030-33120

Amendment No. 07

15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
16. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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 March 22, 1993; and
 - B. Letters dated March 26, 1993, May 7, 1993, May 27, 1993, June 28, 1994, August 15, 1994, and October 18, 1995.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

2/20/77

By

James Mulholland
Nuclear Materials Licensing Branch, Region III

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03220
Status Code: 0
Fee Category: 30 2B
Exp. Date: 20030731
Fee Comments:
Decon Fin Assur Req'd N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: GREAT LAKES TESTING INCORPORATED
Received Date: 970131
Docket No: 3033120
Control No.: 302284
License No.: 48-26484-01
Action Type: Amendment

2. FEE ATTACHED

Amount: \$
Check No.: ---

3. COMMENTS

Signed D. Hersey
Date 3-5-97

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

1. Fee Category and Amount: 30 2B \$720

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

Amendment ---
Renewal ---
License ---

3. OTHER ---

Signed SC
Date 3/25/97

APR 01 1997

Log	<u>Feb 5 III</u>
Remitter	<u>---</u>
Check No.	<u>6109</u>
Amount	<u>\$720</u>
Fee Category	<u>30 2B</u>
Type of Fee	<u>Amnd</u>
Date Check Rec'd	<u>3/25/97</u>
Date Completed	<u>---</u>
By:	<u>SC</u>

1997 FEB - 7 AM 9:13



GREAT LAKES TESTING, INC.

Corey Bucher
Great Lakes Testing, Inc.
3171 Gross Street
Green Bay, WI 54304

January 30, 1997

Material Licensing Section
Nuclear Regulatory Commission
Region III
801 Warrenville Rd.
Lisle, IL 60532-4351
License Number 48-26484-01

Attention Material Licensing Section:

This letter is written to inform the Nuclear Regulatory Commission of a change in the Radiation Safety Officer position for Great Lakes Testing, Inc. Effective February 14, 1997 the Radiation Safety Officer for Great Lakes Testing, Inc. shall be Scott Shaw.

Currently Scott Shaw is the President and Assistance Radiation Safety Officer for Great Lakes Testing, Inc. Scott Shaw has worked with and understands the complete radiation safety program in place at Great Lakes Testing, Inc. Scott Shaw has been an acting radiographer in excess of fourteen years. Training for Scott Shaw has been provided by the following:

Frank Malic and Associates	-	Radiation Safety
Source Production and Equipment, Inc.	-	Source Retrieval

Please make this change effective as soon as possible.

Sincerely,

RECEIVED
JAN 31 1997
REGION III

Pm: 1-30-97

LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH
DIVISION OF ACCOUNTING AND FINANCE
OFFICE OF THE CONTROLLER
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

GREAT LAKES TESTING, INC.
ATTN: SCOTT SHAW
RADIATION SAFETY OFFICER
3171 GROSS STREET
GREEN BAY, WI 54304

TYPE OF ACTION

- ☐ NEW LICENSE
☐ RENEWAL OF LICENSE
☒ AMENDMENT TO LICENSE

REQUESTED DATE

1-30-97

LICENSE NUMBER

48-26484-01

CONTROL NUMBER

302284

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 the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
30	\$	\$	\$ 720.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(s) DUE	\$	720.00
PAYMENT RECEIVED	\$	0.00
AMOUNT DUE	\$	720.00

☒ Your request was received without the prescribed application fee.

☐ We received your Check No. _____ in the amount of \$ _____. Payment of the additional fee noted above is required.

☐ 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

SHIRLEY CRUTCHFIELD

LFDCB

1/18/97

LFDCB

II. FEE NOT REQUIRED

☐ Enclosed is Check No. _____ which accompanied your request. The fee is not required because:

☐ We received your Check No. _____ in payment of the fee.

☐ The Licensing staff has informed us that your request is to be considered as a continuation of your request dated _____, Control No. _____.

☐ Your request was combined, prior to review, with your _____ request, Control No. _____.

III. CHECK RETURNED

☐ Enclosed is Check No. _____ 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 No. _____, Amendment No. _____, issued on _____ 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.

Distribution:

Pending Fee File

LFARB R/F (2)

Region 3

DATE

Feb. 18, 1997

FEB 25 1997

Scott Shaw
Radiation Safety Officer
Great Lakes Testing, Inc.
3171 Gross Street
Green Bay, WI 54304

Dear Mr. Shaw:

Enclosed is Amendment No. 07 to your NRC Material License No. 48-26484-01 in accordance with your request.

Please note the following changes to your NRC license:

1. The license expiration date was extended 5 years and now reads July 31, 2003, in accordance with NRC letter dated May 7, 1997, (enclosed).
2. Please also note that because of NRC procedural change, license Condition No. 15 which authorized depleted uranium as shielding in radiographic equipment was deleted and is now listed in line item No. 6 of your NRC license.
3. License Condition No. 14 which required that you, as the licensee, maintain records of information important to safe and effective decommissioning until the NRC terminates this license was deleted. The condition is deleted because the NRC states the same requirement in the regulations under 10 CFR 30.35(g). We advise you that the NRC still requires that you comply with that requirement.
4. License Condition Nos. 19 and 20 were deleted since these conditions are meant for newly issued licenses and your radiography program is now active.
5. Since the Industrial Nuclear Model IR-100 device listed in Subitem 9.F. is not a source changer and is not compatible with the Sources listed in Subitem 7.F., the IR-100 device was removed.

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.

302284

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;
 - 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
James R. Mullauer, M.H.S.
Health Physicist
Nuclear Materials Licensing Branch

License No. 48-26484-01
Docket No. 030-33120

Enclosures:

1. Amendment No. 07
2. NRC Ltr dated 05/7/96

DOCUMENT NAME: M:\03033120.CL7

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/RJH								
NAME	JRMullauer:brt								
DATE	02/19/97								

OFFICIAL RECORD COPY



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

February 6, 1997

Scott Shaw
Radiation Safety Officer
Great Lakes Testing Incorporated
3171 Gross Street
Green Bay, WI 54304

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 01/30/97)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(, ,:

☐ New License ☒ Amendment ☐ Renewal

Administrative deficiencies were identified during this initial review as outlined below. However, it should be noted that a technical review may identify additional omissions in the submitted information.

It appears that your request is routine (see 1-3 below as, applicable).

Incomplete information is as follows: In order for us to complete your amendment request to change the RSO, the required fee is necessary. Please contact our License Fee & Debt Collection Branch, as referenced below, to obtain the correct fee amount.

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however under timely filing (before expiration) you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 302284
License No. 48-26484-01