

MATERIALS LICENSE

Amendment No. 01

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.

301918

Licensee		In accordance with letter dated September 27, 1996
1. Wyle Laboratories		3. License Number 34-26704-01 is amended in its entirety to read as follows:
2. 813 Irving - Wick Drive West Suite 4W Heath, OH 43506-6118		4. Expiration Date July 31, 2001
		5. Docket or Reference No. 030-34085
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 (J.L. Shepherd Model No. 6810)	A. 2 sources not to exceed 160 curies per source
B. Cesium-137	B. Sealed Source (J.L. Shepherd Model No. 6810)	B. 71 sources not to exceed 150 millicuries per source
C. Plutonium-239	C. Plated Sources (Eberline Instrument Corporation)	C. 100 source sets not to exceed 2 microcuries per set
D. Plutonium-238	D. Foil Sources (Amersham Model No. PP.100)	D. 2 source sets not to exceed 50 microcuries per set
E. Cesium-137	E. Sealed Source (Amersham Model CDC.PE3, Capsule type X.6011)	E. 2 sources not to exceed 33 curies per device
F. Cobalt-60	F. Sealed Sources (J.L. Shepherd Model No. 7810)	F. 1 source not to exceed 1200 curies
G. Plutonium-238	G. Plated Sources PPRX-1178	G. 16 source sets not to exceed 20 microcuries per set; 320 microcuries total

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PDR ADOCK 03034085
C PDR

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|---|--|--|
| 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 |
| H. Plutonium-238 | H. Sealed Source
(Monsanto Research Corporation Model No. 2726-B) | H. 1 source not to exceed 20 curies |
| I. Plutonium-239 | I. Plated Sources
(Nuclear Research Corporation) | I. 9 source sets not to exceed 90 microcuries per set |
| J. Mixed; Strontium-85, Cadmium-109, Cobalt-57, Cobalt-60, Cerium-139, Mercury-203, Tin-113, Cesium-137, Yttrium-88 | J. Sealed Source
(Amersham Serial No. 1748QB) | J. 1 source less than 1 microcurie |
| K. Americium-241 | K. Plated Source
(Eberline Instrument Corporation Custom Made) | K. 2 sources not to exceed 10 nanocuries per source |
| L. Plutonium-239 | L. Plated Source
(Eberline Instrument Corporation Custom Made) | L. 1 source not to exceed 10 nanocuries |
| M. Cesium-137 | M. Sealed source
(Amersham Model No. CDC.PE3) | M. 3 sources not to exceed 10 curies per source |

9. Authorized Use:

- A. One source to be used in a J.L. Shepherd and Associates Model 81-10 gamma calibrator to calibrate gamma survey instruments. One source in a shipping container for source replacement purposes.
- B., C., G., and I. Sources to be temporarily received from customers for calibration purposes in order to provide customers with accurate reference data on their sources.
- D. To be used to calibrate alpha survey instruments.

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- E. One source to be used in a J.L. Shepherd and Associates Model 142-5S gamma calibrator for calibration of low and high range dosimeters. One source in a J.L. Shepherd and Associates Model 142-55 gamma calibrator for storage only.
- F. One source in a J.L. Shepherd and Associates Model 81-22 gamma calibrator for storage purposes only.
- H. One source in a J.L. Shepherd and Associates Mode 149 neutron calibrator for storage only.
- J., K., and L. To perform operational checks on a multi-channel analyzer.
- M. For storage of three Alant-Tech Model DS-50 dosimeter calibrators pending reissuance to licensed customers.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 813 Irving - Wick Drive West, Building 92, Heath, Ohio.
- 11. A. The Radiation Safety Officer for this license is Donald M. Hayes.
B. The Alternate Radiation Safety Officer is John T. Yoak.
- 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 application dated March 1, 1996 and have been approved in writing by the Radiation Safety Officer.
- 13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
C. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

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D. Sealed sources need not be leak tested if:

- (i) they contain only hydrogen-3; or
- (ii) they contain only a radioactive gas; or
- (iii) the half-life of the isotope is 30 days or less; or
- (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
- (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

E. The leak 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, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The 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, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.

F. The licensee is authorized to collect leak test samples for analysis by Siemens. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

- 14. The licensee shall not perform repairs or alterations of an irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in an irradiator shall be performed by a person specifically licensed by the Commission or an Agreement State to perform such services.
- 15. 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."

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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.
17. The licensee may not possess and use materials authorized in Items 6, 7, and 8 until:
 - A. The licensee has constructed the facilities and obtained the equipment described in the application and supporting documentation; and
 - B. The U. S. Nuclear Regulatory Commission, Region III, ATTN: Chief, Materials Licensing Branch, 801 Warrenville Road, Lisle, IL 60532-4351 has been notified that activities authorized by the license will be initiated.
18. Within 30 days of the date of a decision not to complete the facility, acquire equipment, or possess and use authorized material, the licensee must notify the Commission in writing, of the decision.
19. 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 1, 1996; and
 - B. Letter dated May 10, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

October 23, 1996

By

Ernest R. Matton

Materials Licensing Branch, Region III

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BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03510
Status Code: 0
Fee Category: 3P 1D
Exp. Date: 20010731
Fee Comments: THOR DEL 3/22/96
Decom Fin Assur Req: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: WYLE LABORATORIES
Received Date: 961004
Docket No: 3034085
Control No.: 301918
License No.: 34-26704-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 0
Check No.: 0

*mailing address
change*

3. COMMENTS

Signed D. Hersey
Date 10-8-96

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

1. Fee Category and Amount: 3P 1D

FEE NOT REQUIRED

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

Amendment ✓
Renewal
License

3. OTHER

Signed AC
Date 10/15/96

1996 OCT 11 PM 3:50

OCT 23 1996

RECEIVED BY LFDCB

Date Oct. 11, 1996
Log Oct 6 III
By AC
Date Completed 10/15/96



JL-96-166

September 27, 1996

U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle IL 60532-4351

Attention: Evelyn R. Matson, Materials Licensing Section

Reference: Wyle Laboratories, Newark Metrology Center, Materials License Number
34-26704-01, Docket Number 030-34085

Subject: Change of Mailing Address and Telephone Numbers

Due to the official closure of Newark Air Force Base, effective October 1, 1996, the mailing address and telephone numbers for Wyle Laboratories, Newark Metrology Center will change. The operating location of the facility will remain the same, only the mailing address and telephone numbers are changing. The mailing address will be as follows:

Wyle Laboratories
813 Irving-Wick Drive West, Suite 4W
Heath, Ohio 43056-6118

The telephone numbers for our facility and personnel are as follows:

Wyle Laboratories	(614) 788-5400
Wyle Fax	(614) 788-5404
Charles Nichols	(614) 788-5450
Don Hayes	(614) 788-5451

The Radiac Laboratory is operated under our Photonics/Nucleonics Department. The department manager is Charles Nichols and our RSO is Don Hayes. Please contact us with any questions.

Sincerely,

WYLE LABORATORIES
Newark Metrology Center

John E. Lindsey
John E. Lindsey
Contract Manager

Mailing Add Chg. only
FEE NOT REQUIRED
PM: 9-30-96

RECEIVED

OCT 04 1996

REGION III

301918

OCT 04 1996

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September 27, 1996
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cc: Wyle/Don Hayes
Wyle/Charles Nichols
Wyle/Fred Marx
MLA/Karen Semer

JL/dh (c:\data\JL-96-166)

OCT 24 1996

John E. Lindsey
Wyle Laboratories
Suite 4W
813 Irving - Wick Drive West
Heath, OH 43506-6118

Dear Mr. Lindsey:

Enclosed is Amendment No. 01 to your NRC Material License No. 34-26704-01 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;

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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
Evelyn R. Matson
Nuclear Materials Licensing Branch

License No.: 34-26704-01
Docket No.: 030-34085

Enclosure: Amendment No. 01

DOCUMENT NAME: M:\03034085.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 <i>EM</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	EMATSON:jaw								
DATE	10/1/96								

OFFICIAL RECORD COPY



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

October 8, 1996

Donald M. Hayes
Radiation Safety Officer
Wyle Laboratories
Suite 4W
813 Irving-kick Drive West
Heath, OH 43056-6118

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 09/27/96)

Dear Licensee:

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

☐ New License ☒ Amendment ☐ Renewal
☐ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

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

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. 301918
License No. 34-26704-01