

MATERIALS LICENSE

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		In accordance with application dated October 1, 1996	
1. Department of the Army		3. License Number 21-01222-05 is amended in its entirety to read as follows:	
2. U. S. Army Tank Automotive Command Warren, MI 48397-5000		4. Expiration Date June 30, 2002	
		5. Docket or Reference No. 030-11612	
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 (Campbell Pacific Nuclear Model No. CPN-131)	A. No single source to exceed 10 millicuries	
B. Americium-241	B. Sealed source (Campbell Pacific Nuclear Model No. CPN-131)	B. No single source to exceed 50 millicuries	
9. Authorized Use:			
A. and B. To be used in Campbell Pacific Nuclear Model MC series surface moisture/density gauges.			

CONDITIONS

10. Licensed material shall be used only 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. A. Licensed material shall be used by, or under the supervision and in the physical presence of individuals trained in accordance with procedures contained in application dated April 28, 1992.
- B. The Radiation Protection Officer for the activities authorized by this license is Karen P. Lapajenko. The alternate Radiation Protection Officer is Walter J. Grebner.

9612190276 961204
PDR ADOCK 03011612
C PDR

COPY

01/23/00
JML
SD

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-01222-05

Docket or Reference Number

030-11612

Amendment No. 12

12. 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. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
13. Sealed sources containing licensed material shall not be opened or removed from the gauges by the licensee.
14. 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.
15. 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.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

21-01222-05

Docket or Reference Number

030-11612

Amendment No. 12

17. 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.
18. 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.
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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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 April 28, 1992; and
 - B. Letter dated October 1, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

December 4, 1996

By

Patricia J. Leese

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: EX 3P
Exp. Date: 20020630
Fee Comments:
Decom Fin Assur Req: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ARMY, DEPARTMENT OF THE
Received Date: 961008
Docket No: 3011612
Control No.: 301927
License No.: 21-01222-05
Action Type: Amendment

2. FEE ATTACHED

Amount: 0
Check No.: 30

3. COMMENTS

Signed

D. Hersey

Date

10-9-96

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

1. Fee Category and Amount: _____

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

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed

Date



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND
WARREN, MICHIGAN 48397-5000
October 1, 1996

REPLY TO
ATTENTION OF

Safety Office

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

SUBJECT: NRC License 21-01222-05

Dear Sir/Madam:

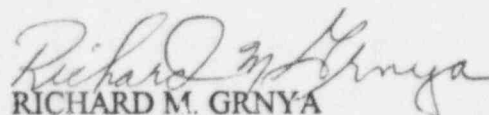
On this date, we placed a call to your organization and spoke with a Mr. Loren Hueter, License Reviewer. The reason for the call involved a proposed change to the license by us, allowing receipt/disposal/recycling of the MC-1 tester sources by other NRC licensed organizations, besides the original manufacturer.

Based on the above conversation, we are requesting an amendment to the subject license, allowing receipt/disposal/recycling of the MC-1 Testers by organizations, that hold specific licenses for this purpose.

We are requesting that this granting of an amendment be expedited. We need the approval in order to proceed contractually on replacing our aging testers.

If you have any questions regarding this letter, please contact Mrs. Karen Lapajenko McGuire at (810)574-7635/6121.

Sincerely,


RICHARD M. GRNYA
Safety Director

FEE EXEMPT

RECEIVED

OCT 08 1996

REGION III

301927
OCT 08 1996

Pm: 10-3-96

DEC 05 1996

Department of the Army
U.S. Army Tank Automotive Command
ATTN: Karen Lapajenko
Radiation Safety Officer
Warren, MI 48397-5000

Dear Ms. Lapajenko:

Enclosed is Amendment No. 12 to your NRC Material License No. 21-01222-05 in accordance with your request.

This amendment authorizes you to have other licensed organizations provide the gauge services outlined in your October 1, 1996 letter.

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.

Sincerely,

Original Signed By
Patricia J. Pelke
Nuclear Materials Licensing Branch

License No. 21-01222-05
Docket No. 030-11612

Enclosure: Amendment No. 12

DOCUMENT NAME: M:\03011612.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								
NAME	PJPelke:brt								
DATE	12/4/96								

OFFICIAL RECORD COPY

301927



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

October 9, 1996

Karen Lapajenko McQuire
Radiation Safety Officer
Department of the Army
U. S. Army Tank Automotive Command
Warren, MI 48397-5000

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 10/01/96)

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. 301927
License No. 21-01222-05