

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, 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 letter dated January 8, 1997	
1. Weatherford U.S., Inc.		3. License number 42-27457-01	
2. 515 Post Oak Blvd., Suite 600 Houston, Texas 77027-9496		4. Expiration date April 30, 2003	
		5. Docket or Reference No 030-33049	
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 sources (3M Models 4F6S or 4F6H; Gulf Nuclear Model CSV)	A. Not to exceed 1.5 curies per source	
9. Authorized use			
A. For use in NDT Systems, Inc. Models 13640 or 13640B gauges for measurement of pipe thickness.			

CONDITIONS

10. Licensed material may be used at 3500 North Cimmaron Road, Yukon, Oklahoma; 1506 Washington Street, Elk City, Oklahoma; 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. A. 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 letter dated June 9, 1986, and have been approved in writing by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is Dale Halsey.
12. A. Sealed sources 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.

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SUPPLEMENTARY SHEET**

License Number

42-27457-01

Docket or Reference Number

030-33049

Amendment No. 04

12. (Continued)

- 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 received from another person shall not be put into use until tested.
- 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 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. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. 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 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 IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director, Division of Radiation Safety and Safeguards. The report shall specify the source involved, the test results, and corrective action taken.

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12. (Continued)

- F. The licensee is authorized to collect leak test samples for analysis by Nuclear Sources and Services, Inc. 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.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
14. 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.
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.
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. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
18. In addition to the possession limits in Condition 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.

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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 October 11, 1979
- B. Letter dated April 22, 1980
- C. Letter dated June 9, 1986
- D. Letter dated November 14, 1989
- E. Application dated May 10, 1991
- F. Letter dated June 30, 1992
- G. Letter dated December 29, 1992
- H. Letter dated April 2, 1993
- I. Letter dated April 14, 1993
- J. Letter dated May 16, 1994
- K. Letter dated November 6, 1995
- L. Letter dated April 22, 1996
- M. Letter dated May 13, 1996
- N. Letter dated June 6, 1996
- O. Letter dated January 8, 1997

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Original Signed By
Billie Gruszynski

By

Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011

Date JAN 24 1997



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

January 24, 1997

Weatherford U.S., Inc.
ATTN: Dale Halsey
Radiation Safety Officer
515 Post Oak Blvd., Suite 600
Houston, Texas 77027-9496

SUBJECT: LICENSE AMENDMENT

Please find enclosed License No. 42-27457-01. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license at (817)860-8120.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public which can result from failure to comply with NRC requirements, you must conduct your program involving radioactive 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: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain written NRC consent before transferring your license or any right thereunder, either voluntarily or involuntarily, directly or indirectly, through transfer of control of your license to any person or entity. A transfer of control of your license includes not only a total change of ownership, but also a change in the controlling interest in your company whether it is a corporation, partnership, or other entity. In addition, appropriate license amendments must be requested and obtained for any other planned changes in your facility or program that are contrary to your license or contrary to representations made in your license application, as well as supplemental correspondence thereto, which are incorporated into your license. A license fee may be charged for the amendments if you are not in a fee-exempt category.

6. Maintain in a single document decommissioning records that have been certified for completeness and accuracy listing all the following items applicable to the license:
 - Onsite areas designated or formerly designated as restricted areas as defined in 10 CFR 20.3(a)(14) or 20.1003.
 - Onsite areas, other than restricted areas, where radioactive materials in quantities greater than amounts listed in Appendix C to 10 CFR 20.1001-20.2401 have been used, possessed, or stored.
 - Onsite areas, other than restricted areas, where spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site have occurred that required reporting pursuant to 10 CFR 30.50(b)(1) or (b)(4), including areas where subsequent cleanup procedures have removed the contamination.
 - Specific locations and radionuclide contents of previous and current burial areas within the site, excluding radioactive material with half-lives of 10 days or less, depleted uranium used only for shielding or as penetrators in unused munitions, or sealed sources authorized for use at temporary job sites.
 - Location and description of all contaminated equipment involved in licensed operations that is to remain onsite after license termination.
7. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
8. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

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; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), 60 FR 34381, June 30, 1995.

Thank you for your cooperation.

Sincerely,

Original Signed By
Billie Gruszynski

Billie Gruszynski (Ms.)
Nuclear Materials Licensing Branch

Docket: 030-33049
License: 42-27457-01
Control: 466301

Enclosures: As stated

JAN 24 1997

Weatherford U.S., Inc.

-4-

DOCUMENT NAME: P:\WEATHERF.CVR

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

RIV:NMLB	N						
BGruszynski	<i>bg</i>						
1/24/97							

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(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: 20030430
Fee Comments:
Decom Fin Assur Regd: N

1997 JAN 23 PM 3:47

LICENSE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED

Applicant/Licensee: WEATHERFORD U.S., INC.
Received Date: 9/01/97
Docket No.: 3033049
Control No.: 466301
License No.: 42-27457-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 4
Check No.: 4

3. COMMENTS

* See below Signed Bill G. Gusszynski
Date 1/21/97

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

1. Fee Category and Amount: 3P

FEE NOT REQUIRED

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

Amendment ✓
Renewal
License

mailing address change

3. OTHER

Signed
Date

Rita Mysser
1/24/97



RECEIVED BY LFMS	
Date	<u>1/23/97</u>
Log	<u>Jan 2 IV</u>
By	<u>Xem</u>
Date Completed	<u>1/24/97</u>

* Mailing address change only. Bq

Weatherford Enterra U.S., Limited Partnership
515 Post Oak Boulevard
Suite 600
Houston, Texas 77027

P.O. Box 27608
Houston, Texas 77227-7608

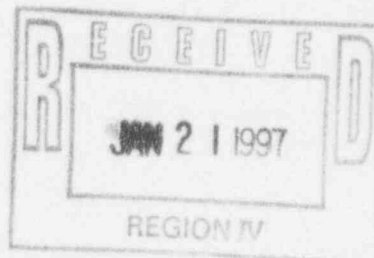
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Weatherford Enterra

January 8, 1997

Nuclear Regulatory Commission
N.R.C. Licensing Branch
611 Ryan Plaza Drive
Suite 400
Arlington, Texas 76011-8064
Attn: Ms. Billie Gruszyohis



Subject: Material License 4227457-01

I wish to inform you of my address change. My new address is 515 Post Oak Blvd., Suite 600, Houston, Texas, 77027-9496. My new phone number is 713/693-4084 and Fax 713/693-4255.

If you have any questions, please feel free to contact me.

Dale Halsey

Radiation Safety Officer

466301