

## 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, 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

1. American Tubular Inspection, Inc.

3. License number 49-26867-01

2. P. O. Box 2350  
Mills, Wyoming 82644

4. Expiration date April 30, 1992

5. Docket or  
Reference No. 030-29721  
42-19978-016. 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. Cesium-137

A. Sealed sources (3M Co.  
Model 4F6S or 4F6H  
or Gulf Nuclear Model  
CSV)A. Not to exceed  
1.5 curies per  
source

## 9. Authorized use

A. For use in NDT Systems, Inc. Model 13640 and Model 13640B Tube Wall Calipers  
for measurement of wall thickness of pipes.

## CONDITIONS

10. Licensed material shall be used only at 7390 W. Grey Cloud Road, approximately  
8 miles northwest of Casper, Wyoming.
11. Licensed material shall be used by, or under the supervision of, Kevin D. Karst.

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

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12. Sealed sources containing licensed material shall not be opened.

13. A. (1) The source specified in Item 7.A. 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 IV, 611 Ryan Plaza Drive, Suite 1000, Arlington, Texas 76011, ATTN: Chief, Radiological and Safeguards Programs 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 leak test service companies listed in application dated February 17, 1982, 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.

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14. Installation, initial radiation survey, relocation, removal from service, maintenance, and repair of devices containing sealed sources shall be performed only by Nuclear Sources and Services, Inc., or by persons specifically licensed by the Commission or an Agreement State to perform such services. Installation, replacement, and disposal of sealed sources shall be performed only by 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. Records of inventories shall be maintained for 2 years from the date of each inventory.
16. 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 February 17, 1982
  - B. Application dated January 22, 1987

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Original signed by  
JACK E. WHITTEN

Date APR 27 1987

By

Nuclear Materials Safety Section  
Region IV  
Arlington, Texas 76011

OFFICIAL RECORD COPY

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