

OFFICIAL RECORD COPY

MATERIALS LICENSE

Amendment No. 6

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 letter dated September 18, 1996	
1.	Henry S. Branscome, Inc.	3. License Number	45-23669-01
		is amended in its entirety to read as follows:	
2.	P.O. Drawer 260 Williamsburg, Virginia 23187	4. Expiration Date	April 30, 2002 (Extended)
		5. Docket or Reference No.	030-29711
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 registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation	A. No single source to exceed 10 millicuries	
B. Americium 241	B. Sealed neutron source registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation	B. No single source to exceed 100 millicuries	
9. Authorized Use:			
A. and B.		To be used, for measurement purposes, in portable Troxler Model 4600, 3200 and /or 3400 series, Campbell Pacific Nuclear Model MC series or other gauging devices that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.	

CONDITIONS

10. Licensed material may be used at the licensee's facility located at 1922 West Pembroke Avenue, Hampton, Virginia; 4606 Bainbridge Boulevard, Chesapeake, Virginia 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 Protection Officer for this license is Kenneth G. Epps.

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PDR ADOCK 03029711
C PDR

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-23669-01

Docket or Reference Number 050-29711

Amendment No. 6

(cont.)

CONDITIONS

12. Licensed material shall be used by, or under the supervision and in the physical presence of Kenneth G. Epps, Patrick Gay, Joe Dyke, Steven Howard, Jason West, Gary Mullins or individuals who have: (1) completed training provided by either the gauge manufacturer or the Virginia Department of Transportation Nuclear Safety Training School; (2) have been trained in the licensee's operating and emergency procedures and (3) are approved by the Radiation Protection Officer, Kenneth G. Epps. The licensee shall maintain records of persons designated as users.
13. Sealed sources containing licensed material shall not be opened or removed from the gauging device by the licensee.
14.
 - A.(1) The source(s) specified in Item 7, 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 II, Division of Nuclear Materials Safety, Nuclear Materials Licensing/Inspection Branch, 101 Marietta Street, N.W., Suite 2900, Atlanta, Georgia 30323-0199. 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 Troxler Electronics Laboratories or Campbell Pacific Nuclear, 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.
15. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under this license. Records of inventories shall be maintained for 2 years from the date of each inventory.
17. Maintenance or repair of portable devices involving removal of the sealed sources from the devices or removal or dismantling of shielding may be performed only by the device manufacturer, or by other persons specifically authorized by the Commission or an Agreement State to perform such services.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 45-23669-01

Docket or Reference Number 050-29711

Amendment No. 6

(cont.)

CONDITIONS

18. The licensee shall maintain records of information important to safe and effective decommissioning at 1922 Pembroke Avenue, Hampton, Virginia, pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
19. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum specified 10 CFR 30.35(d) for establishing decommissioning financial assurance.
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 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 January 9, 1987
 - B. Letters dated:
 - March 31, 1987
 - February 5, 1988
 - March 31, 1988
 - March 21, 1990
 - February 13, 1992
 - February 28, 1996 (Change of use, location, RSO and users)
 - March 1, 1996 (NRC letter changes expiration date in accordance with 10 CFR 30.36)
 - March 8, 1996 (Facsimile containing users training records)
 - March 12, 1996 (Facsimile containing description of new storage location and additional training records)
 - September 18, 1996 (add location and users)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date OCT 08 1996

By Earl G. Wright
Region II, Division of Nuclear Materials Safety
101 Marietta Street, N.W., Suite 2900
Atlanta, GA 30323-0199

N:\MLICENSE\45-23669.A06

10/8/96

HENRY S. BRANSCOME, INC.

Post Office Drawer 260
Williamsburg, Virginia 23187

WILLIAMSBURG: 229-2534
PENINSULA: 807-0129
NORFOLK: 625-6007
FAX: 229-0990

October 8, 1996

To : Nuclear Materials License Section
NUCLEAR REGULATORY COMMISSION
ATTN: Diane Heims

License # 45-23669-01

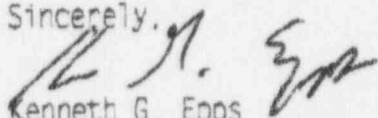
Docket # 030-29711

Dear Ms. Heims,

I am sending you a letter verifying that all of our personnel on our materials license request as operators of equipment received training and orientation on the proper use and safety procedures for the nuclear gauges on the license amendment request. Also training and safety procedures are done on a quarterly basis by me and for any new personnel as required.

If you have any questions concerning this request, please call me at (804) 247-1354.

Sincerely,


Kenneth G. Epps
Lab Manager/Safety Officer
HENRY S. BRANSCOME, INC.

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

GAREY C. MULLINS

of

HENRY S. BRANSCOME INC.

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

Frank D. Jones
INSTRUCTOR

6/5/90

DATE

W. F. TROXLER

PRESIDENT

Nº 31113

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

JASON B. WEST

of

HENRY S BRANSCOME INC

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

- | | |
|---|---|
| 1. Principles and practices of radiation protection. | 5. Radioactivity measurement standardization and monitoring techniques and instruments. |
| 2. Leak testing procedures. | 6. Accident and incident procedures. |
| 3. Mathematics and calculation basic to the use and measurement of radioactivity. | 7. Procedures for nuclear gauge storage and transportation. |
| 4. Biological effects of radiation. | 8. General safety precautions. |

Gauge Operation

- | | |
|--------------------------|-----------------------|
| 1. Instrument theory. | 5. Field application. |
| 2. Operating procedures. | 5. Gauge calibration. |
| 3. Maintenance. | |

CERTIFICATE #: 074716

FRANK D. JONES

INSTRUCTOR

9/04/96

DATE

WILLIAM F. TROXLER

PRESIDENT

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

STEPHEN J. HOWARD, JR.

of

HENRY B BRANSCOME INC

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection
2. Leak testing procedures
3. Mathematics and calculations basic to the use and measurement of radioactivity
4. Biological effects of radiation
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

CERTIFICATE #: 074715

9/04/96

DATE

WILLIAM F. TROXLER
PRESIDENT

Frank D. Jones
FRANK D. JONES
INSTRUCTOR

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 03121
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20020430
: Fee Comments: _____
: Decom Fin Assur Req'd: N
: ::::::::::::::::::::::::::::::

1996 SEP 26 PM 12:34

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED

Applicant/Licensee: HENRY S. BRANSCOME, INC.
Received Date: 960923
Docket No: 3029711
Control No.: 257212
License No.: 45-23669-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 300.00
Check No.: 078108

3. COMMENTS

Signed DIANE HEIM
Date 9/24/96

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

1. Fee Category and Amount: 3P \$300

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

Amendment ✓
Renewal _____
License _____

3. OTHER _____

Signed
Date

Rita Messier
9/26/96

Log	<u>Sep 5 II</u>
Remitter	
Check No.	<u>078108</u>
Amount	<u>\$300</u>
Fee Category	<u>3P</u>
Type of Fee	<u>Ampl</u>
Date Check Rec'd.	
Date Completed	<u>9/26/96</u>
By:	<u>lem</u>

HENRY S. BRANSCOME, INC.

Post Office Drawer 260
Williamsburg, Virginia 23187

WILLIAMSBURG: 229-2504
PENINSULA: 887-0129
NORFOLK: 625-6007
FAX: 220-0390

September 18, 1996

To : Nuclear Materials Safety Section
NUCLEAR REGULATORY COMMISSION
101 Marietta Street Suite 2900
Atlanta, Georgia 30323
ATTN: Mr. Earl Wright

License # 45-23669-01

Docket # 030-29711

Dear Mr. Wright,

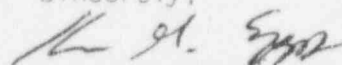
I am sending you a request to have our materials license amended according to amendment # 5. The changes are as follows:

Conditions:

10. Add another Location at 4606 Bainbridge Boulevard Chesapeake, Virginia 23320. (See attached diagram).
12. Delete Jeffrey Keyser, add Steven Howard, Jason West and Garey Mullins.
18. Add another Location at 4606 Bainbridge Boulevard Chesapeake, Virginia 23320.

If you have any questions concerning this request, please call me at (804) 247-1354.

Sincerely,

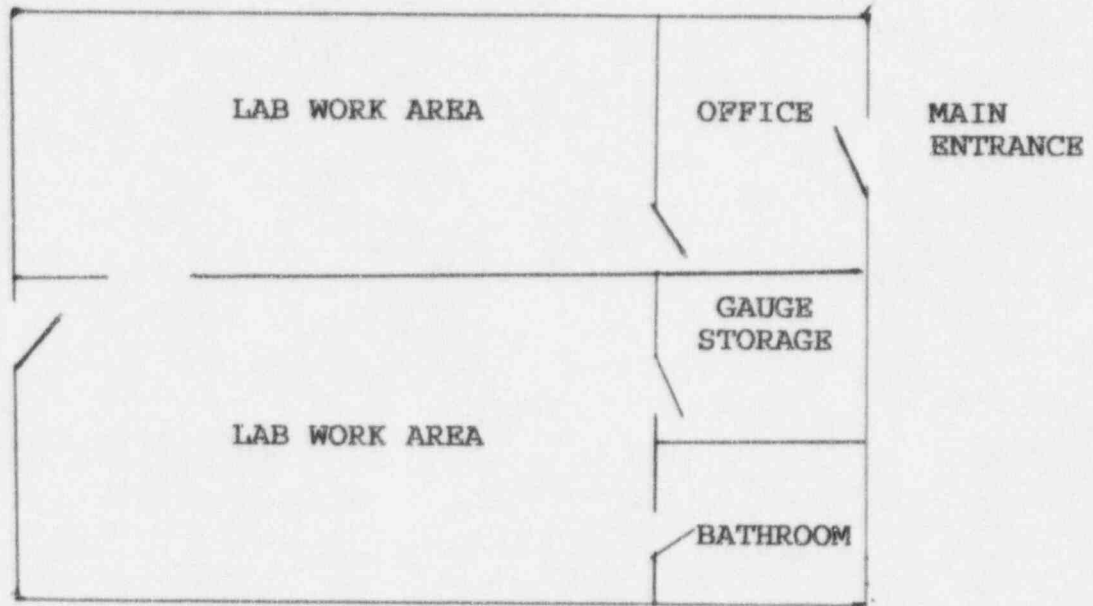


Kenneth G. Epps
Lab Manager/Safety Officer
HENRY S. BRANSCOME, INC.



"WE MOVE. SMOOTH. SELL & ASPHALT THE EARTH"

ASPHALT LAB



HENRY S. BRANSCOME, INC.
4606 BAINBRIDGE BOULEVARD
CHESAPEAKE, VIRGINIA 23320

HENRY S. BRANSCOME, INC.

Post Office Drawer 260
Williamsburg, Virginia 23187

WILLIAMSBURG:	229-2504
PENINSULA:	887-0129
NORFOLK:	625-6007
FAX:	220-0390

September 18, 1996

To : Nuclear Materials Safety Section
NUCLEAR REGULATORY COMMISSION
101 Marietta Street Suite 2900
Atlanta, Georgia 30323
ATTN: Mr. Earl Wright

License # 45-23669-01

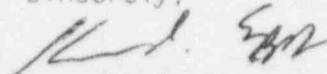
Docket # 030-29711

Dear Mr. Wright,

Enclosed is a check for \$ 300.00 for the amendment fee.

If you have any questions concerning this request, please call me at (804) 247-1354.

Sincerely,



Kenneth G. Epps
Lab Manager/Safety Officer
HENRY S. BRANSCOME, INC.



"WE MOVE, SMOOTH, SELL & ASPHALT THE EARTH"