

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

35-27004-01

Docket or Reference number

030-31315

Amendment No. 01

H-B-H, Incorporated
P.O. Box 1887
Lawton, Oklahoma 73502

In accordance with letter dated November 2, 1992, License No. 35-27004-01 is hereby terminated.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 2 1992

Original Signed By
Jacqueline D. Burks

By

Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011

OFFICIAL RECORD COPY

130000

9301210277 921202
PDR ADDOCK 03031315
C PDR

ML40

12/14/92

H-B-H, Inc.

NOV 10 AM 10:59

POST OFFICE BOX 1887
PHONE 405-248-0705
LAWTON, OKLAHOMA 73502

November 2, 1992

CERTIFIED LETTER

LICENSE FEE AND DEBT COLLECTION BRANCH
OFFICE OF THE CONTROLLER
U. S. NUCLEAR REGULATORY COMMISSION
WASHINGTON DC 20555

NOV 16 1992

RE: Invoice Number AM06473-92

Gentlemen:

This is to advise you that we no longer have a Nuclear Moisture-Density Gage and have no need of Lic. # 35-27004-01.

We are enclosing the following copies:

Invoice Number AM06473-92

Nuclear Moisture-Density Gage Transfer Document (Richardson Associates)
Richardson Associates' Radioactive Material License.

Richardson Associates, 505 Emerson Drive, Euless, Texas 76039, purchased our gage in August, 1992. Their telephone Number is 214/247-0986. 817-267-4285

We trust this will explain why we have not paid Invoice Number AM06473-92.

We were assured that all necessary paperwork had been accomplished. If this is not so, please advise us so that we will know what needs to be done.

12/1/92, spoke w/ Mr. Bill Richardson and he confirmed that the Humboldt model 501-P was transferred to his facility Jackie Burr

Very truly yours,

H B H Inc.



J. C. Hester Jr.
President

JCH/mw

Enclosures - 3

RECEIVED BY LFDCB	
Date	11/24/92
Log	Nov. 2 IV
By	Crutchfield
Date Completed	11/24/92

FEE EXEMPT
Termination

NOV 24 AM 9:00

464486

Notice Date
=====

Invoice Number
=====

H-B-H, INC.
ATTN: RADIATION SAFETY OFFICER
P.O. BOX 1887
LAWTON, OK 73502--

Total Amount Due \$ 2,302.57

U.S. Nuclear Regulatory Commission
License Fee & Debt Collection Branch
PO Box 954514
St. Louis, MO 63195-4514

<=== This PO Box address is for
<=== receipt of payments only.

P A Y M E N T C O P Y

NUCLEAR MOISTURE-DENSITY GAGE TRANSFER DOCUMENT

RICHARDSON ASSOCIATES
505 EMERSON DRIVE
EULESS, TEXAS 76039
PHONE 214/247-0986
FAX NO. _____

TEXAS DEPARTMENT OF HEALTH BRC LICENSE NO. LO-2889
EXPIRATION DATE 9/93
COPY ENCLOSED Yes

DATE: 8/24/92

RE: SALE

TIME: 7:00 pm

TRANSFER

SHIPPING DATE: 8/24/92

SHIPPING TIME: 2:15 pm

TO: HBH, Incorporated
224 West Mac Arthur
Midwest City, OKLAHOMA 73110

DESCRIPTION:

GAUGE MANUFACTURER HUMMLOT

MODEL NO. 5001-P SERIAL NO. 720

ISOTOPE Cs-137 SERIAL NO. 124864 ACTIVITY 10 mCi 07/05/89

ISOTOPE Po-211 SERIAL NO. 1500682 ACTIVITY 40 mCi 07/18/89

DISPOSITION STATEMENT:

SALE - TRANSFER

METHOD OF TRANSFER:

Company Van

SHIPPING PERSONNEL: Bill Richards

SIGNATURE: Bill Richards

Texas Department of Health
BUREAU OF RADIATION CONTROL

012447

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Health Department regulations on radiation, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Texas Department of Health now or hereafter in effect and to any conditions specified below.

LICENSEE			This license is issued pursuant to and in accordance with a letter Dated: September 14, 1991 signed by: Bill Richardson
1. Name	Richardson Associates-DBA Nuclear Measurement Services Co.		
2. Address	Attn: Bill Richardson 505 Emerson Drive Euless, Texas 76035		
3. License Number			Amendment Number
L02889			11
PREVIOUS AMENDMENTS ARE VOID			
4. Expiration Date			September 30, 1993
RADIOACTIVE MATERIAL AUTHORIZED			
5. Radioisotope	6. Form of Material	7. Maximum Activity*	8. Authorized Use
A. Cs-137	A. Sealed source (TEL Model A-102112)	A. No single source to exceed 9 mCi	A. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 3400 series Moisture/density gauges.
B. Am-241	B. Sealed source (TEL Model A-102451)	B. No single source to exceed 44 mCi	B. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 3400 series moisture/density gauges or Model 3200 series roof moisture gauges.
C. Cs-137/ Am-241	C. Sealed source (TEL Model A-100281, Rev. B, C or D)	C. No single source to exceed 10 mCi of Cs-137 or 50 mCi of Am-241.	C. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 2401 moisture/density gauge.
D. Ra-226	D. Sealed source (TEL Model A-100281, Rev. B, C or D)	D. No single source to exceed 3.3 mCi	D. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 2401 or 2451 moisture/density gauges.

*Ci-Curies mCi-Millicuries μ Ci-Microcuries



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RADIOACTIVE MATERIAL LICENSE

NOV 16 1992

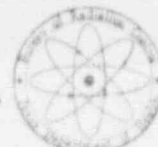
LICENSE NUMBER

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5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
E. Cs-137	E. Sealed source (CPN Model CPN-131).	E. No single source to exceed 10 mCi	E. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Campbell Pacific Nuclear Model MC series moisture/density gauge.
F. Am-241	F. Sealed source (CPN Model CPN-131).	F. No single source to exceed 50 mCi	F. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Campbell Pacific Nuclear Model MC series moisture/density gauge or surface moisture gauge.
G. Cs-137	G. Sealed source (HSI Dwg. 2200064).	G. No single source to exceed 11 mCi	G. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Humboldt Scientific, Inc. Model 5001 moisture/density gauges.
H. Am-241	H. Sealed source (HSI Dwg. 2200067).	H. No single source to exceed 44 mCi	H. Receipt, storage, use, repair, calibration or distribution to authorized recipients in Humboldt Scientific, Inc. Model 5001 moisture/density gauges.
I. Am-241	I. Sealed source (TEL Model A-102451)	I. No single source to exceed 300 mCi	I. Receipt, storage, use or repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 2226 asphalt gauge or Model 3241 series gauge.
J. Cs-137	J. Sealed source (TEL Model A-102112)	J. No single source to exceed 9.0 mCi	J. Receipt, storage, use or repair, calibration or distribution to authorized recipients in Troxler Electronic Laboratories Model 4600 series thin-layer asphalt density gauge.
K. Cs-137/ Am-241	K. Sealed source (CPN Model CPN-131).	K. No single source to exceed 10 mCi of Cs-137 or 50 mCi of Am-241.	K. Receipt, storage, use repair, calibration or distribution to authorized recipients in Campbell Pacific Nuclear Model B(R) series moisture/density gauge or surface moisture gauge.



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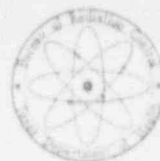
RADIOACTIVE MATERIAL LICENSE

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9. Radioactive material shall be stored and used only at:

Site Number	Location
000	Eules - 505 Emerson Drive
001 TERMINATED	New Braunfels - 839-L IH-35 West
002 TERMINATED	Dallas - 2750 Northaven, Suite 201.

10. The authorized place of use is at temporary sites throughout Texas.
11. The licensee shall comply with the provisions of Parts 11, 12, 13, 21, 22 and 41 of the Texas Regulations for Control of Radiation (TRCR).
12. Radioactive material shall be used only by Bill Richardson. Terry Lindsey shall use radioactive material authorized in Conditions 5, 6, 7 and 8 only as associated with the calibration of gauges.
13. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities covered by this license is Bill Richardson.
14. Sealed sources containing radioactive material shall not be opened.
15. Sealed sources of radioactive material, nickel-63 foil, and/or plated alpha emitting sources shall be tested for leakage and/or contamination in accordance with the provisions of TRCR 11.7.
16. The licensee is authorized to conduct a radiation safety course for users of radioactive material. The individual authorized to perform the above training is Bill Richardson. A written examination shall be administered at the end of each course to determine satisfactory completion by each student.
17. After the completion of each course the licensee shall submit a written report to the Agency within five working days containing the following information:
- A. the name and company affiliation of each successful student,
 - B. the student's social security number and final test score, and
 - C. the date of the final day of the course.
- This report shall also include the licensee's radioactive material license number.
18. The licensee shall not transfer radioactive material to other persons until it is verified that the recipient is authorized to possess the type and amount of material to be transferred.
19. Radiation survey instruments shall be calibrated at intervals not to exceed six months by persons licensed by the Agency, another Agreement State, or by the United States Nuclear Regulatory Commission (NRC).



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RADIOACTIVE MATERIAL LICENSE

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20. The licensee is authorized to remove the source rod and perform bearing replacement and other mechanical servicing of on the customer's equipment. This authorization includes retrieval and storage of damaged source rods in lead pigs at field sites until repair of damaged gauges can be accomplished.
21. The licensee shall conduct a physical inventory every six months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two years from the date of the inventory for inspection by the Agency and shall include the quantities and the kinds of radioactive material, location of sealed sources, and the date of the inventory.
22. The licensee is authorized to perform tests for leakage and/or contamination at customer sites throughout Texas and to distribute his leak/wipe test kit Model 883 to customers for the licensee's subsequent analysis. Such tests shall be capable of detecting 0.005 μCi . of contamination on the test sample and the results of such tests shall be provided to the customer in terms of microcuries.
23. Notwithstanding Condition 7 of this license, the licensee shall be limited to the possession of a total of 50 devices that contain radioactive sources, not to exceed a total of 100 sources at any one time.
24. Notwithstanding TRCR 11.7(c), sources described by Parts A through K of Conditions 5, 6, 7 and 8 are exempted from the periodic leak test requirement provided such sources are tested and analyzed for leakage prior to transfer and/or use.
25. Physical radiation surveys shall be performed at three month intervals, and at any time the licensee's inventory of sources increases.
26. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

application dated September 15, 1988, and
letters dated December 12, 1989, February 5, 1990, October 22, 1990,
April 4, 1991 and September 14, 1991.

The TRCR shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

CSJ:nh

FOR THE TEXAS DEPARTMENT OF HEALTH

Date October 10, 1991
Administrator, Licensing Branch

464150

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: 19940930
FEE COMMENTS:
DECOM FIN ASSUR REQD:

LICENSE FEE TRANSMITTAL

A. REGION

APPLICATION ATTACHED
APPLICANT/LICENSEE: H-B-H, INC.
RECEIVED DATE: 921116
DOCKET NO: 3031315
CONTROL NO.: 464486
LICENSE NO.: 35-27004-01
ACTION TYPE: TERMINATION

2. FEE ATTACHED
AMOUNT: 4
CHECK NO.: 4

3. COMMENTS

SIGNED
DATE

Billie Mrazynski
11/19/92

D. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1/1)

1. FEE CATEGORY AND AMOUNT: 3P

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT ✓
RENEWAL
LICENSE

OTHER

SIGNED
DATE

Scutfield
11-24-92

NOV 30 1992

FEE EXEMPT