

HNTB

HNTB CORPORATION
Mantoloking Bridge Replacement Field Office
238 Mantoloking Road
Brick, New Jersey 08723
(732) 920-1881
FAX (732) 920-7666

DATE: MARCH 30, 2005

MS 16
K-4

TO: MR STEVE CORTEMANCHE

29-19862-01

NRC - NATLS. SAFETY

03019337

FAX NUMBER: (610) 337-5209

FROM: MARK S. KAUFMAN, R.S.O.

LIC. NO. 29-19862-01

DOCKET NO. 03019337

COMMENTS:

AS PER OUR TELEPHONE CONVERSATION ON THIS DAY, PLEASE FIND NRC FORM 314. ALL MATERIALS WERE TRANSFERRED ON THIS DAY + LEAK TESTED ON 3/29/05. THE PURCHASER OF THE MATERIALS LICENSE IS ATTACHED. THE TRANSFERRED MATERIALS WILL REMAIN "IN-STORAGE" @ THE NEW OWNERS FACILITY PENDING LEAK TEST RESULTS. I WILL FORWARD ADDITIONAL DOCUMENTATION AS IT BECOMES AVAILABLE TO ME. PLEASE NOTE THAT I HAVE EXPEDITED THE TRANSFER + SUBSEQUENT LICENSE TERMINATION IN EFFORT TO NOT EXTEND BEYOND THE 03/31/05 EXPIRATION DATE ON HNTB'S LIC.

PAGES: 7 (INCLUDING FAX TRANSMITTAL FORM)

IF BOX IS CHECKED, PLEASE ACKNOWLEDGE RECEIPT

IF YOU DO NOT RECEIVE THE ENTIRE DOCUMENT, PLEASE CONTACT THE SENDER @ (732) 920-1881

HNTB CORPORATION
The HNTB Companies
C:\HNTBFORM\Hard fax.doc

136587

NMCC/RQMI MATERIALS-002

(6-2004)
10 CFR 30.36(j)(1), 40.42(i)(1),
70.38(j)(1), and 72.54(j)(1)

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records, DC FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS

HNTB Corporation
Wayne Plaza I - 145 US Highway 46, Suite 400
Wayne, NJ 07470-6830

LICENSE NUMBER

29-19862-01

DOCKET NUMBER

030-19337

LICENSE EXPIRATION DATE

03/31/2005

A. LICENSE STATUS (Check the appropriate box)

- This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below:
KEY-TECH, 210 Maple Place, P.O. Box 48, Keyport, NJ 07735 NRC Materials License No. 29-19282-01
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
 - a. the absence of licensed radioactive materials
 - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
 - a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date _____
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
 - a. The results of the latest leak test are attached; and/or
 - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME Mark S. Kaufman	TITLE Radiological Safety Officer	TELEPHONE (Include Area Code) (973) 237-1650	E-MAIL ADDRESS mk Kaufman@hntb.com
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Mail all future correspondence regarding this license to:
HNTB Corporation, Wayne Plaza I - 145 US Highway 46, Suite 400, Wayne, NJ 07470-6830

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE
Mark S. Kaufman, R.S.O.

SIGNATURE
Mark S. Kaufman

DATE
3/30/05

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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CORRECTED COPY

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.

<p style="text-align: center;">Licensee</p> <p>1. Keegan Technology & Testing Assoc., Inc.</p> <p>2. 210 Maple Place P. O. Box 48 Keyport, New Jersey 07735</p>	<p>In accordance with the letter dated March 10, 2000,</p> <p>3. License number 29-19282-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2006</p> <hr/> <p>5. Docket No. 030-17263 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form:</p> <p>A. Sealed sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.</p> <p>B. Sealed neutron sources registered either with the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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9. Authorized use:

A. and B. For measuring physical properties of materials, in portable gauging devices that have been registered either with U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by an Commission or Agreement State license to receive, possess, and use the devices.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET****CORRECTED COPY**License Number
29-19282-01Docket or Reference Number
030-17263

Amendment No. 09

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 210 Maple Place, Keyport, New Jersey, and may be used 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. 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 the letter dated November 14, 1995.
12. The Radiation Safety Officer for this license is Martin Mygrant.
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily 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 the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be tested if they 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 (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2) and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

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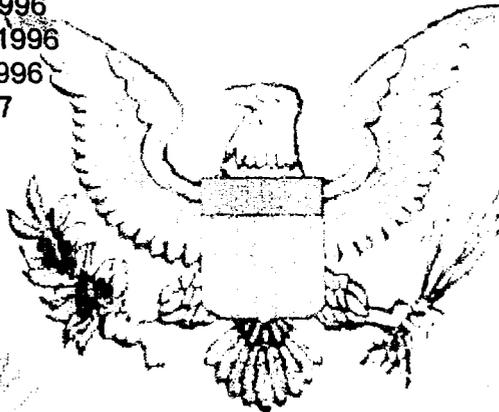
Amendment No. 09

- F. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- G. Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years.
14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
15. The licensee shall conduct a physical inventory every six months, or at other interval approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license.
16. 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.
17. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
- B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

**MATERIALS LICENSE
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Amendment No. 09

20. 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), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
21. 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 September 13, 1995
 - B. Letter dated November 14, 1995
 - C. Letter Dated January 6, 1996
 - D. Letter dated October 25, 1996
 - E. Letter dated January 6, 1996
 - F. Letter dated April 29, 1997



For the U.S. Nuclear Regulatory Commission

Date April 18, 2000

By

Original signed by Sattar Lodhi, Ph.D.

Sattar Lodhi, Ph.D.
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

22745615



3008 Cornwallis Rd. P.O. Box 12057 Research Triangle Park, North Carolina 27709, U.S.A.

Device - Model # 4640-B, Serial # 1198
Source(s) - Serial # 75-3100, Radionuclide CS-137
Serial # _____, Radionuclide _____
Date of Test: 3/29/05

Please print legibly and firmly. This is your return address label.

• HNTB CORPORATION
• 238 MANTOLOKING RD.
• BRICK, NJ 08723
•
Your Name: MARK KAUFMAN
Telephone: 732 920-1881

ORIGINAL COPY

LEAK TEST ANALYSIS

This certifies that the sample accompanying this form has been analyzed using an approved monitoring method that measures both beta/gamma & alpha contamination; and, that the results of this analysis shows the removable activity to be less than 0.005 microcuries.



3008 Cornwallis Rd. P.O. Box 12057 Research Triangle Park, North Carolina 27709, U.S.A.

Device - Model # 3440, Serial # 17106
Source(s) - Serial # 50-6304, Radionuclide CS-137
Serial # 4712530, Radionuclide AU211:BE
Date of Test: 3/29/05

Please print legibly and firmly. This is your return address label.

• HNTB CORPORATION
• 238 MANTOLOKING RD.
• BRICK, NJ 08723
•
Your Name: MARK KAUFMAN
Telephone: 732 920-1881

ORIGINAL COPY

LEAK TEST ANALYSIS

This certifies that the sample accompanying this form has been analyzed using an approved monitoring method that measures both beta/gamma & alpha contamination; and, that the results of this analysis shows the removable activity to be less than 0.005 microcuries.



3008 Cornwallis Rd. P.O. Box 12057 Research Triangle Park, North Carolina 27709, U.S.A.

Device - Model # 3440, Serial # 17109
Source(s) - Serial # 50-6307, Radionuclide CS-137/47-12533
Serial # 47-12533, Radionuclide AU211:BE
Date of Test: 3/29/05

Please print legibly and firmly. This is your return address label.

• HNTB CORPORATION
• 238 MANTOLOKING RD.
• BRICK, NJ 08723
•
Your Name: MARK KAUFMAN
Telephone: 732 920-1881

LEAK TEST ANALYSIS

This certifies that the sample accompanying this form has been analyzed using an approved monitoring method that measures both beta/gamma & alpha contamination; and, that the results of this analysis shows the removable activity to be less than 0.005 microcuries.
