

11:11 AM 02/19/2003

John Turner Consulting, Inc.  
818 Central Avenue  
Dover, NH 03820  
Phone number (603) 749-1841  
Fax number (603) 743-3370

|                          |                                     |
|--------------------------|-------------------------------------|
| Send to:<br>NRC          | From:<br>DON POLLARD                |
| Attention: Sheryl Villar | Date: 2/19/03                       |
| Office Location:         | Office Location:                    |
| Fax Number:              | Phone Number: 603-765-5077 (CELL #) |
|                          | Cell phone on 24 hrs/7 days         |

- Urgent
- Reply ASAP
- Please comment
- Please review
- For your information

Total pages, including cover: 4

Comments:

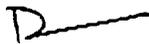
Sheryl,

We would like to file again for our yearly reciprocity. We are in the process of bidding a large project at the Portsmouth Naval Shipyard and we were hoping to get a copy of the approval letter by noon on 2-20-03, if at all possible.

Please call me with any questions at 603-749-1841.

The application and check are in the mail today.

THANK YOU,



DON

NRC FORM 241 (8-2002)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0013 EXPIRES: 09/21/2005  
Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-8 EB), 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, (3150-0013), 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.

# REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

|   |  |   |  |
|---|--|---|--|
| 1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)<br><b>John Turner Consulting, Inc</b>            |  | 2. TYPE OF REPORT<br><input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION |  |
| 3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)<br><b>818 Central Avenue<br/>Dover, NH 03820</b> |  | 4. LICENSEE CONTACT AND TITLE<br><b>John Turner, President</b>  |  |
| 5. TELEPHONE NUMBER (Include Area Code)<br><b>603-749-1841</b>  |  | 6. FACSIMILE NUMBER (Include Area Code)<br><b>603-743-3370</b>  |  |

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING       LEAK TESTING AND/OR CALIBRATIONS       TELETHERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES       OTHER (Specify) ⇒ \_\_\_\_\_

RADIOGRAPHY ⇒ \_\_\_\_\_

REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS) \_\_\_\_\_

|  |  |   |  |
|--|--|---|--|
| 8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE<br><b>Select Energy<br/>24 Prime Parkway<br/>Natick, MA 01760-1528</b> |  | 9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)<br><b>Building 72<br/>Portsmouth Naval Shipyard<br/>Kittery, ME</b> |  |
| 10. CLIENT TELEPHONE NUMBER (Include Area Code)<br><b>508-653-0456</b>   |  | 11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)<br><b>207-438-9610</b>   |  |

|                     |                 |                         |         |            |                               |
|---------------------|-----------------|-------------------------|---------|------------|-------------------------------|
| 12. DATES SCHEDULED |                 | 13. NUMBER OF WORK DAYS | 14. ADD | 15. DELETE | 16. LOCATION REFERENCE NUMBER |
| FROM                | TO              |                         |         |            | NUMBER TO BE ASSIGNED BY NRC  |
| <b>03/04/03</b>     | <b>03/04/03</b> | <b>1</b>                |         |            | <b>000473</b>                 |

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.)

**portable nuclear density gauge**

|   |                               |                    |                                   |
|---|-------------------------------|--------------------|-----------------------------------|
| 18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (Four copies of the specific license must accompany the Initial NRC Form 241.) | LICENSE NUMBER<br><b>423R</b> | STATE<br><b>NH</b> | EXPIRATION DATE<br><b>6/30/03</b> |
|---|-------------------------------|--------------------|-----------------------------------|

### 19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 150.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 150.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year.
- I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters.
- I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.

|   |                                 |                        |
|---|---------------------------------|------------------------|
| CERTIFYING OFFICER - RSO or Management Representative (Name and Title)<br><b>John D. Turner President</b> | SIGNATURE<br><i>[Signature]</i> | DATE<br><b>2/14/03</b> |
|---|---------------------------------|------------------------|

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 respects. 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.

|                  |   |                                 |                        |  |
|------------------|---|---------------------------------|------------------------|--|
| FOR NRC USE ONLY | REVIEWING OFFICIAL (Typed/Printed Name and Title)<br><b>ELIZABETH OLLRICH</b> | SIGNATURE<br><i>[Signature]</i> | DATE<br><b>2/19/03</b> | TOTAL USAGE - DAYS TO DATE<br><b>1</b> |
|------------------|---|---------------------------------|------------------------|--|

STATE OF NEW HAMPSHIRE  
 DEPARTMENT OF HEALTH AND HUMAN SERVICES  
 OFFICE OF COMMUNITY & PUBLIC HEALTH  
 BUREAU OF RADIOLOGICAL HEALTH

**RADIOACTIVE MATERIAL LICENSE**

Pursuant to the State of New Hampshire, Department of Health and Human Services' Bureau of Radiological Health regulations and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, 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 Department of Health and Human Services' Bureau of Radiological Health now or hereafter in effect and to any conditions specified below.

This amendment is issued pursuant to and in accordance with renewal application dated April 24, 2001, signed by John D. Turner, President, New Hampshire Radioactive Material License No. 423R is hereby extended to the date specified in Condition 4 below. Previous amendments void.

|  |  |   |                               |
|--|--|---|-------------------------------|
| <b>LICENSEE</b><br><br>1. NAME John Turner Consulting, Inc.<br><br>2. ADDRESS 818 Central Avenue<br>Dover, New Hampshire 03820 |  | 3. LICENSE NUMBER<br><b>423R</b>  | AMENDMENT NUMBER<br><b>06</b> |
|  |  | 4. EXPIRATION DATE <b>June 30, 2003</b>   |                               |
|  |  | 5. CATEGORY Gauges (Portable)<br><br>In accordance with application for renewal dated April 14, 2002, signed by John B. Turner, President, New Hampshire Radioactive Material License No. 423R is hereby extended to the date specified in Condition 4 above. |                               |
| 6. RADIOACTIVE MATERIAL<br>(ELEMENT AND MASS NUMBER)   | 7. CHEMICAL AND/OR PHYSICAL FORM   | 8. MAXIMUM AMOUNT OF RADIOACTIVITY<br>WHICH LICENSEE MAY POSSESS AT ONE<br>TIME   |                               |
| A. Cesium 137  | A. Sealed sources (Amersham Corporation Model No. CDCW556 or Isotope Products Laboratories Model No. HEG-0057) | A. No single source to exceed 9 millicuries; 8 sources total.   |                               |
| B. Americium 241; Beryllium  | B. Sealed sources (Amersham Corporation Model No. AMNV.997 or Isotope Products Laboratories Model HEG-0058)    | B. No single source to exceed 44 millicuries; 8 sources total.  |                               |

9. AUTHORIZED USE

A. and B. To be used in Troxler Electronic Laboratories, Inc., Model 3400 Series portable surface moisture and density gauges for the measurement of moisture and density of soils, aggregates and paving materials.

**CONDITIONS**

10. Radioactive material may be stored at the licensee's facilities located at 818 Central Avenue, Dover, New Hampshire and 21 West Auburn Street, Unit #5, Manchester, New Hampshire. Radioactive material may be used at temporary job sites of the licensee anywhere in the State of New Hampshire where the Bureau of Radiological Health (Bureau) maintains jurisdiction for regulating the use of radioactive material.

(cont'd. on next page)

State of New Hampshire  
Department of Health and Human Services  
Office of Community & Public Health  
Bureau of Radiological Health

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License No. 423R  
Amendment No. 06

**Radioactive Material License**

**Supplementary Sheet**

*(cont'd. from previous page)*

11. This license is subject to an annual fee in accordance with Part He-P 4070, New Hampshire Rules for the Control of Radiation (NHRCR), for the applicable amount specified in Table 4070.1 of that Part.
12. The licensee shall comply with the provisions of Parts He-P 4001, 4003, 4019, 4020, 4021, 4022 and 4023, NHRCR.
13. A. Radioactive material listed in Condition 6 above shall only be used by John Turner, Clifford Jones, Jr. or individuals who have satisfactorily completed the manufacturer's training for gauge users, or other training course approved by the Bureau, and in addition have received the training described in application dated March 11, 1998, and letter dated May 26, 1998, and have been approved in writing by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users and their training for 5 years following the last use of licensed material by the individual.  
  
B. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities authorized by this license is John Turner.
14. A. Each sealed source containing radioactive material other than Hydrogen 3, with a half-life greater than 30 days and in any form other than gas, shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, the sealed source shall not be put into use until tested.  
  
B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak tests results shall be kept in units of microcuries and maintained for inspection by the Bureau.  
  
C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with the NHRCR. A report shall be filed within five days of the test with the Bureau of Radiological Health, Health & Welfare Building, 6 Hazen Drive, Concord, NH 03301-6527, describing the equipment involved, the test results, and the corrective action taken.  
  
D. The licensee is authorized to collect leak test samples only for analysis by Troxler Electronics Laboratories, Inc. Alternatively, complete tests for leakage and/or contamination (sample collection and analysis inclusive) shall be performed by persons specifically licensed by the Bureau, the U.S. Nuclear Regulatory Commission (NRC) or an Agreement State, to perform such service.
15. Sealed sources containing radioactive material shall not be opened or removed from the gauges by the licensee.
16. Maintenance or repair of portable devices involving removal of sealed sources from the device or removal or dismantling of shielding may be performed only by the device manufacturer or by other persons specifically authorized by the Bureau, the NRC or an Agreement State, to perform such services.

*(contd. on next page)*

State of New Hampshire  
Department of Health and Human Services  
Office of Community & Public Health  
Bureau of Radiological Health

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License No. 423R  
Amendment No. 06

**Radioactive Material License**

**Supplementary Sheet**

(contd. from previous page)

17. The licensee shall conduct a physical inventory every six (6) months to account for all licensed devices received and possessed under the license. The records of the inventories shall be maintained for three (3) years from the date of the inventory for inspection by the Bureau, and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.
18. 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 shall be locked when in transport or when not under the direct surveillance of an authorized user.
19. The licensee shall maintain a daily utilization log for the devices listed in Condition 9 at the main facility address specified in Condition 10, and also the sub-site facilities. The log shall include the name of the authorized user with the device, the place of intended use, and the date the device was removed and returned to storage.
20. The licensee who uses a gauging device for testing at field sites shall possess at such locations a current copy of the license, the current leak test certificate and the licensee's operating and emergency procedures.
21. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Section He-P 4037.06, NHRCR, the regulations of the New Hampshire Department of Safety, and the U.S. Department of Transportation.
22. 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, representation, and procedures contained in the documents, including any enclosures, listed as follows:

application dated March 11, 1998

letters dated May 26, 1998

July 26, 1999

July 27, 1999

August 3, 1999

August 2, 2000

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

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For the Department of Health and Human Services  
Office of Community & Public Health



Dennis P. O'Dowd, Supervisor  
Radioactive Materials Section  
Bureau of Radiological Health

DATE OF ISSUANCE May 1, 2002