

FAX COVER SHEET

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

Send to: NRC	From: DON POLLARD
Attention: Ms. Villar	Date: 2/20/02
Office Location:	Office Location:
Fax Number: 610-337-5393	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: 7

Comments:

Dear Ms. Villar:

I have included a new reciprocity request. I have also given you a copy of license amendment #4. The State of NH never sent an amendment #5, just the attached letter. I have also included a list of active inspectors. I have hand written the two safety officers on that list, as well.

As soon our owner returns, I will fax a copy of the additional fees in check form. We will put this package in the mail today.

Don Pollard



NRC FORM 241 (7-1999) **U.S. NUCLEAR REGULATORY COMMISSION** **APPROVED BY OMB: NO. 3150-0013** **EXPIRES: 07/31/2002**

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)
John Turner Consulting Inc.

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
**818 Central Avenue
 Dover NH 03820**

4. LICENSEE CONTACT AND TITLE
John Turner President/ASO

5. TELEPHONE NUMBER (Include Area Code)
603-749-1841

6. FACSIMILE NUMBER (Include Area Code)
603-743-3370

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

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS TELE THERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) => _____

RADIOGRAPHY => REGISTERED AS USER OF PACKAGING (CERTIFICATE OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
**Portland Diversifree Services
 P.O. Box 1069
 Portland ME 04104**

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)
**Bldg. # 92 Portsmouth Naval Shipyard
 Kittery ME**

10. CLIENT TELEPHONE NUMBER (Include Area Code)
207-886-5660

11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)
207-653-6702

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
2/22/02	2/28/02	~5 No weekends			000407

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

Trailer nuclear density gauge Cesium 137

Compaction of soils Americium 241 Be

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 this specific license must accompany this initial NRC Form 241.)

LICENSE NUMBER	STATE	EXPIRATION DATE
423 R	NH	June 30 2002

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 of Management Representative (Name and Title)
Don Pollard Project Manager

SIGNATURE

DATE
2/20/02

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)
John McQuinn

SIGNATURE

DATE
2/20/02

TOTAL USAGE - DAYS TO DATE
7

⑤ 2/20/02

FORM BRH-2B

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 letter dated August 2, 2000, signed by Clifford Jones, Manchester Office manager. Previous amendments void.~~

LICENSEE		3. LICENSE NUMBER 423R	AMENDMENT NUMBER 04
1. NAME	John Turner Consulting, Inc.	4. EXPIRATION DATE June 30, 2001	
2. ADDRESS	818 Central Avenue Dover, New Hampshire 03820	5. CATEGORY Gauges (Portable)	
6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM AMOUNT OF RADIOACTIVITY WHICH LICENSEE MAY POSSESS AT ONE 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, 270 Exeter Road (Route 27), Epping, 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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Amendment No. 04

Radioactive Material License

Supplementary Sheet

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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.

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

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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.

 For the Department of Health and Human Services
 Office of Community & Public Health
DATE OF ISSUANCE August 3, 2000

 Diane E. Tefft, Administrator
 Bureau of Radiological Health

AUTHORIZED INSPECTOR LOG

NAME	DATE CERTIFIED	SOCIAL SECURITY #'S	DATE OF NEXT SEMI-ANNUAL AUDIT
John Turner <i>RSO</i>	8-1-98	[REDACTED]	RSO
Cliff Jones <i>Assistant RSO</i>	8-1-98 INACTIVE <i>Active</i>	[REDACTED]	1-02
Ron Wisley		[REDACTED]	1-02
Alan Baker	3-01	[REDACTED]	1-02
Martin Menke	3-99	[REDACTED]	1-02
Tyrome Cobb	8-31-00	[REDACTED]	1-02
Mike Newman	10-00	[REDACTED]	1-02
Steve Randall	10-00	[REDACTED]	1-02
Donnie Pollard	4-92	[REDACTED]	INACTIVE
Nathan Montgomery	9-4-97 INACTIVE	[REDACTED]	INACTIVE
Dicky Fry		[REDACTED]	1-02
Scott TeBordo	9-26-01	[REDACTED]	1-02
Joseph Zampa	5-08-99	[REDACTED]	1-02
John Howard	5-08-01	[REDACTED]	1-02
Melissa Maxfield	9-26-01 INACTIVE	[REDACTED]	1-02

Revised 10-30-01