

NRC FORM 241 (7-1979) U.S. NUCLEAR REGULATORY COMMISSION

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS
(Please read the instructions before completing this form)

APPROVED BY OMB: NO. 3150-0012 EXPIRES: 07/31/2000
Estimated burden per response to comply with this mandatory collection request: 13 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 estimates to the Record Management Branch (7-6 EB), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to 7-6EB@nrc.gov and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. 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.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)
RTD Associates, P.A.

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
5500 Executive Center Dr.
Suite 117
Charlotte, NC 28212

4. LICENSEE CONTACT AND TITLE
Rob Tatum
Radiation Safety Officer

5. TELEPHONE NUMBER (Include Area Code)
(704) 536-3322

6. FACSIMILE NUMBER (Include Area Code)
(704) 536-4233

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

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

PORTABLE GAUGES OTHER (Specify) =>

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

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
Philip Morris
P.O. Box 26603
Richmond, VA 23261

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)
Philip Morris
Park 500
4100 Bermuda Rd.
Chester, VA 23831

10. CLIENT TELEPHONE NUMBER (Include Area Code)
(804) 274-4436

11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)
(804) 751-2000

| 12. DATES SCHEDULED | | 13. NUMBER OF WORK DAYS | 14. ADD | 15. DELETE | 16. LOCATION REFERENCE NUMBER |
|---------------------|----------|-------------------------|---------|------------|--|
| FROM | TO | | | | |
| 10-21-99 | 12-30-99 | 30 | | | NUMBER TO BE ASSIGNED BY NRC 001302 |

17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Provide description of type and quantity of radioactive material, sealed sources, or devices to be used.)
Americium 241/Beryllium in a Troxler Model 3216 Series Compac

Sealed Source (Troxler Dvg A - 102451) SN: 46-1484

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 8 ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)
LICENSE NUMBER: 060-0693-1 STATE: NC EXPIRATION DATE: 4-3-2000

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 - (RSC or Management Representative Name and Title)
C.A. Driggers, Jr., PE/V.P.

SIGNATURE
[Signature]

DATE
10-19-99

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)
David J. Collins, Health Physicist

SIGNATURE
[Signature]

DATE
10/19/1999

TOTAL USAGE - DAYS TO DATE
2

NRC FORM 241 (7-1979) Division of Nuclear Materials Safety USNRC Region II

PRINTED ON RECYCLED PAPER

COPY

Received in Region II NEOS 10/19/1999

PDR STPRG.

RADIOACTIVE MATERIALS SECTION
 DIVISION OF RADIATION PROTECTION
 N.C. DEPARTMENT OF ENVIRONMENT, HEALTH,
 AND NATURAL RESOURCES
 RADIOACTIVE MATERIALS LICENSE

Pursuant to North Carolina Regulations for Protection Against Radiation 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, transfer and import radioactive materials listed below; and use such radioactive material for the purpose(s) and at the place(s) designated below. This License is subject to all applicable rules and regulations of the North Carolina Department of Environment, Health, and Natural Resources now or hereafter in effect and to any conditions specified below.

| | | |
|--|--|---|
| Licensee | | 3. License No.: 060-0693-1 |
| 1. Name: RTD Associates, P.A. | 4. Expiration Date: April 30, 2000 | |
| 2. Address: 5500-117 Executive Center Drive Charlotte, NC 28212 | | |
| AMENDS IN ITS ENTIRETY | | |
| 5. Amendment No. 9 | | |
| 6. Radioactive Material (element and mass no.) | 7. Chemical and/or Physical Form | 8. Maximum Amount of Radioactivity and/or Quantity of Radioactive Material which Licensee may Possess at any one time. |
| A. Americium 241/Beryllium | A. Sealed Source (Troxler Dwg. A-102451) | A. 80 millicuries total (2 sources each not to exceed 40 milli- curies) |

9. Authorized Use:
- A. To be used in a Troxler Model 3216 series COMPAC surface moisture gauge to measure properties of construction materials, primarily roofing systems.

CONDITIONS

- 10A. The authorized place of use is the licensee's address stated in Item 2 above.
- B. Radioactive material may be used at temporary jobsites of the licensee anywhere in North Carolina. This condition does not prohibit use in the United States where the United States Nuclear Regulatory Commission maintains jurisdiction for regulating the use of radioactive material, nor in Agreement States, under reciprocity procedures which may be established by the Nuclear Regulatory Commission or the respective Agreement States.
11. The licensee shall comply with the provisions of 15A NCAC 11 .1600, "Standards for Protection Against Radiation," and 15A NCAC 11 .1000, "Notices, Instructions, Reports and Inspections." (The North Carolina Regulations for Protection Against Radiation are contained in 15A NCAC 11.)
- 12A. Radioactive material shall be used by Matt Niccolai, Todd Smith, Ken Powers, Craig S. Borden and Bob O. Bryan.
- B. The Radiation Safety Officer shall be Ken Powers.
- 13A. Each sealed source containing radioactive material shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to 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 test results shall be kept in units of microcuries and maintained for inspection by the agency.

RADIOACTIVE MATERIALS SECTION
DIVISION OF RADIATION PROTECTION
N.C. DEPARTMENT OF ENVIRONMENT, HEALTH,
AND NATURAL RESOURCES
RADIOACTIVE MATERIALS LICENSE

Page 2 of 2 Pages

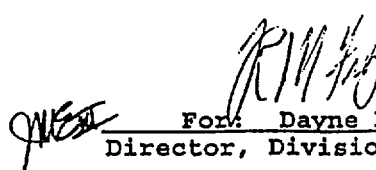
License No. 060-0693-

Supplementary Sheet

Conditions (continued):

- 13C. 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 agency regulations. A report shall be filed within five (5) days of the test with the Radioactive Materials Section, Division of Radiation Protection, Department of Environment, Health, and Natural Resources, 3825 Barrett Drive, Raleigh, North Carolina 27609-7221, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by licensee with a Troxler leak test kit, or by other persons specifically authorized by the agency to perform such services.
14. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
15. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7 and 8 of this license in accordance with statements, representations and procedures contained in:
- A. Application with attachments dated February 7, 1995, signed by Bob O. Bryan, President; letter with attachments dated April 4, 1995, signed by Michael Barnes, R.S.O.; letter with attachments dated November 13, 1995, signed by Ken Powers, R.S.O.; and, letter with attachments dated December 1, 1995, signed for Ken Powers, R.S.O., Senior Project Manager.

Date of Issuance: January 17, 1996


For: Dayne H. Brown
Director, Division of Radiation Protection

ORIGINAL DOCUMENT IS PRINTED ON CHEMICAL REACTIVE PAPER & HAS A MICROPRINTED BORDER

RTD & ASSOCIATES
ROOF ENGINEERING TECHNOLOGY
5600 EXECUTIVE CENTER DRIVE, SUITE 117
CHARLOTTE, NORTH CAROLINA 28212
TELEPHONE: (704) 536-3322

| EXPLANATION | AMOUNT |
|-------------|--------|
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| | |

66-21/530

10519

One thousand two hundred dollars & ^{no}/₁₀₀ DOLLARS

CHECK AMOUNT

| TO THE ORDER OF | ACCTS. PAYABLE | DISC. | OTHER | CHECK NUMBER |
|------------------------------------|----------------|-------|-------|--------------|
| U.S. Nuclear Regulatory Commission | | | | 10519 |

\$ 1200.00

RTD & ASSOCIATES

Bob O. Dyer

Security features included. Details on back.

FIRST UNION
FIRST UNION NATIONAL BANK
CHARLOTTE, NORTH CAROLINA

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

⑈010519⑈ ⑆053000219⑆ 2070482517424⑈

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 RADIOACTIVE MATERIALS LICENSE

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|--|--|---|
| Licensee | | |
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| 2. Address: 5500-117 Executive Center Drive Charlotte, NC 28212 | | 4. Expiration Date: April 30, 2000 |
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Page 2 of 2 Pages

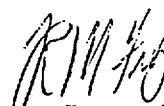
License No. 060-0693-1

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For: Dayne H. Brown
Director, Division of Radiation Protection

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