

APPROVED BY OMB: NO. 3150-0013 EXPIRES: 07/31/2002  
 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-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@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) BBC&M ENGINEERING, INC.	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION
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3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 11699 Chesterdale Road Cincinnati, Ohio 45246.	4. LICENSEE CONTACT AND TITLE Walt Duermit, Jr. Field Coordinator & RS0(Cincinnati)
5. TELEPHONE NUMBER (Include Area Code) (513)771-8471	6. FACSIMILE NUMBER (Include Area Code) (513)771-8475

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 TRANS ASH 617 Shepard Drive Cincinnati, Ohio 45215	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) Greendale Retail Facility, Phase II: US Route 50, Greendale, Indiana - 300 ft - 1500 ft northeast of the intersection of US 50 & entrance/exit ramps for Interstate 275
10. CLIENT TELEPHONE NUMBER (Include Area Code) (513)733-4770	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (513)604-3692

12. DATES SCHEDULED FROM April 22, 2002 TO December 31, 2002	13. NUMBER OF WORK DAYS Avg. 4 days per week 148+ days	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER NUMBER TO BE ASSIGNED BY NRC 100619
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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.)

1) Cesium 137 Sealed Source < 10 millicuries 2) Americium 241 Sealed Source < 50 millicuries  
 3) Cesium 137 Sealed Source < 9 millicuries 4) Americium 241 Sealed Source < 44 millicuries

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 3121025006	STATE OH	EXPIRATION DATE June 1, 2006
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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) Walt Duermit, Jr., Field Coordinator	SIGNATURE <i>Walt Duermit, Jr.</i>	DATE April 15, 2002
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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) Doris E. Gonzalez/NMPA	SIGNATURE <i>Doris E. Gonzalez</i>	DATE 04/15/02	TOTAL USAGE -- DAYS TO DATE
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### OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all rules promulgated thereunder. This license shall be deemed to contain the conditions specified in Chapter 3701:1-38, 3701:1-40 and Rule 3701-39-02.1 of the Ohio Administrative Code and is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE	LICENSE NUMBER
1. BBC & M Engineering, Inc	3. 31210250006
2. 6190 Enterprise Court Dublin, Ohio 43016	EXPIRATION DATE 4. June 1, 2006
	BUREAU DOCKET NUMBER 5. WH04-05-01

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|---|---|---|
| <p>6. RADIOACTIVE 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 NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license</p> <p>B. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license</p> | <p>8. MAXIMUM QUANTITY 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 NRC or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by the NRC or an Agreement State</p> |
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9. Authorized Use
- A. and B. To be used, for measuring physical properties of materials, in portable gauging devices that have been registered either with NRC under 10 CFR 32.210, as delineated in OAC 3701-39-02.1 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by NRC or Agreement State license to receive possess and use the devices.

#### CONDITIONS

10. Licensed material may only be used at the licensee's facilities located:
- A. 6190 Enterprise Drive  
Dublin, OH 43016
  - B. 33977 Chardon Road  
Willoughby Hills, OH 44094
  - C. 11699 Chesterdale Road  
Cincinnati, OH 45246
  - D. Temporary job sites in the state of Ohio

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	License Number: 31210250006
	Bureau Docket Number: WH04-05-01
	Amendment No. 1

11. The Radiation Safety Officer for this license is:  
Dennis A. Woods
12. Licensed material shall be used by, or under the supervision of and in the physical presence of, individuals who have satisfactorily completed the device manufacturer's training program for gauge users and have been designated by the licensee's Radiation Safety Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
13. A. Sealed Sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210, as delineated in OAC 3701-39-02.1.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three (3) months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the required leak test interval, a sealed source shall not be put into service until tested.
- D. Sealed sources need not be leak tested if:
- (i). they contain only a radioactive gas; or
  - (ii). the half-life of the isotope is less than 30 days or less; or
  - (iii). they contain 3.7 MBq (100  $\mu$ Ci) or less of beta or gamma emitting material or 0.37 MBq (10  $\mu$ Ci) or less of alpha emitting material; or
  - (iv). they are in storage and are not being used. However, when they are removed from storage for use or transfer 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 185 Bq (0.005  $\mu$ Ci) of radioactive material on the test sample. If the test reveals the presence of 185 Bq (0.005  $\mu$ Ci) or more of removable contamination, a report shall be filed with the Ohio Department of Health, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Ohio Department of Health Regulations. The report shall be filed within 5 days of the date the leak test result is known with the Bureau of Radiation Protection - Ohio Department of Health, 246 N. High St., Bureau of Radiation Protection / 7<sup>th</sup> Floor 35 Bldg., P.O. Box 118, Columbus, Ohio 43216-0118. The report shall specify the source involved, the test results, and the corrective action taken.
- F. The licensee is authorized to collect leak test samples for analysis by Troxler, Inc. Alternatively, persons specifically licensed by the Director, USNRC or an Agreement State to perform such services may perform tests for leakage and/or contamination.
14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
16. When performing at temporary job sites, the authorized user shall not leave the moisture density gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss or theft.
17. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material", as delineated in OAC 3701-39-02.1.
18. 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 Director, the NRC or an Agreement State to perform such services.

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	Bureau Docket Number: W1104-05-01
	Amendment No. 1

- 19. 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 OAC 3701:1-40-17(C) for establishing decommissioning financial assurance.
- 20. 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. The Ohio Department of Health'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 May 25, 2001
  - B. Letter dated August 20, 2001
  - C. Amendment number 1 renews in its entirety radioactive materials license number 31210250006.

For the Ohio Department of Health

DATE:           AUG 31 2001          

BY:   
 Director, Ohio Department of Health