

Advance Testing Company

3348 Rte. 208
Campbell Hall, NY 10916
Phone No.: (845) 496-1600
Fax No.: (845) 496-1398

Facsimile Transmittal Sheet

Date: January 16, 2003
Number of pages including cover sheet: _____

To: Sheryl Villar
Company: Nuclear Regulatory Commission
Phone No: 610-337-5239
Fax No: 610-337-5269

From: Chris Brower
Advance Testing
845-496-1600
845-496-1398

Remarks: ☐ Urgent
☒ For your review
☐ Reply ASAP
☐ Please Comment

NRC Form 241- Advance Copy.

Copy of Check and License attached. I am looking for approval for Location R.
Construction Technical Services, Mount Anthony Middle School. 000209

Original via FEDEX for delivery on 1/17/03.

Thank You

Chris Brower

Advance Testing

CORPORATE OFFICE

3348 Route 208 Campbell Hall, NY 10916
Phone (845) 496-1600 Fax (845) 496-1398

January 16, 2003

United States Nuclear Regulatory Commission
Region 1
475 Allendale Road
King of Prussia, PA 19406
Attn.: Sheryl Villar

Dear Ms. Villar,

Enclosed please find four copies of NRC Form 241 with attachments. The application fee is enclosed also.

If you have any questions or require additional information, please feel free to contact me at your convenience.

Very truly yours,
Advance Testing Company, Inc.


Christopher M. Brower
Radiation Safety Officer

NEW ENGLAND OFFICE
42 Day Farm Road PO Box 260
West Stockbridge MA 01266
Phone (413) 232-4040 • Fax (413) 232-4141

WESTERN NEW YORK OFFICE
4769 Byrnes Road
Wellsville NY 14895
Phone (585) 593-9650 • Fax (585) 593-9505

NRC FORM 241
(3-2002)

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. 3150-0013 EXPIRES: 08/31/2005
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 (1-6 Eb), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocoll@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.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below)

ADVANCE TESTING COMPANY, INC.

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)

3348 Route 208
Campbell Hall, NY 10916

2. TYPE OF REPORT

☒ INITIAL ☐ REVISION ☐ CLARIFICATION

4. LICENSEE CONTACT AND TITLE

Christopher M. Brower
Radiation Safety Officer5. TELEPHONE NUMBER
(Include Area Code)

(845) 496-1600

6. FACSIMILE NUMBER
(Include Area Code)

(845) 496-1398

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) \Rightarrow _____
☐ RADIOGRAPHY \Rightarrow _____

REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE

See Attachment

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION
(Street and Number or other location. Give as complete an address or directions as possible.)

See Attachment

10. CLIENT TELEPHONE NUMBER
(Include Area Code)

See Attachment

11. WORK LOCATION TELEPHONE NUMBER
(Include Area Code)

See Attachment

12. DATES SCHEDULED

FROM

See Attachment

TO

See Attachment

13. NUMBER OF
WORK DAYS

177

14.
ADD15.
DELETE16. LOCATION
REFERENCE NUMBERNUMBER TO BE
ASSIGNED BY NRC

000209

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.)

Troxler Nuclear Density Gauges - Cesium 137 NTE 9 MCI; Americium 241; Beryllium NTE44 MCI

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

24343468

STATE

NY

EXPIRATION DATE

1/31/05

19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT:

- a. All information in this report is true and complete.
b. 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.
c. 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.
d. 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.
e. 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)

Christopher M. Brower, RSO

SIGNATURE

Christopher M. Brower

DATE

1/16/03

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)

SIGNATURE

John M. Ratto

DATE

1/17/03

TOTAL USAGE - DAYS TO DATE

177

50 01/17/03

January 16, 2003

Attachment to NRC Form 241

Item 9: Client Name, Address, City/County, State, Zip Code

(A)	Port Authority of New York and New Jersey 241 Erie Street, Room 234 Jersey City, NJ 07310	(K)	McGoey, Hauser and Edsall 33 Airport Center Drive Suite 202 New Windsor, NY 12553
(B)	Della Pello Cont. Co. Inc. P. O. Box 1657 Milltown Road Union, NJ 07083	(L)	McGoey, Hauser and Edsall 507 Broad Street Milford, PA 18337
(C)	Tilcon New Jersey/Mount Hope Rock Products 625 Mount Hope Road Wharton, NJ 07885	(M)	Tilcon New York, Inc. 162 Old Mill Road West Nyack, NY 10994
(D)	A. Servidone Co., Inc. 1364 Route 9 Castleton, NY 12033	(N)	Waters Construction 300 Bostwick Ave. Bridgeport, CT 06605
(E)	Braen Stone Industries P.O. Box 8310 Haledon, NJ 07538	(O)	Bechtel Power Corporation 362 Injun Hollow Road East Hampton, CT 06424
(F)	O & G Industries 112 Wall Street Torrington, CT 06790	(P)	Soil Mechanics Drilling Corp 3770 Merrick Road Seaford, NY 11783
(G)	Zitone Corp. P.O. Box 1829 Montague, NJ 07827	(Q)	NAC International 3930 East Jones Bridge Road Norcross, GA 30092
(H)	Tilcon Connecticut Inc. 301 Hartford Avenue Newington, CT 06111	(R)	Construction Technical Services 51 Daniels Farm Road Middlesex, VT 05602 000209
(I)	J. Iapaluccio, Inc. 425 Federal Road Brookfield, CT 06804	(S)	Grace Industries P.O. Box 21777 Lehigh, PA 18002
(J)	Petricca Industries 550 Cheshire Road Pittsfield, MA	(T)	Francis S. Fox Architects 1853 William Penn Way Lancaster, PA 17605

Item 10: Work Locations

- (A) Port Authority Properties – Holland Tunnel, Lincoln Tunnel, George Washington Bridge, Newark Airport, Port of Elizabeth, Jersey City, Port of Newark
- (B) Various Routes in New Jersey (To be determined)
- (C) Various Routes in New Jersey (To be determined)
- (D) Various Routes and projects in New Jersey (To be determined)
- (E) Various Routes and projects in New Jersey (To be determined)
- (F) Various Routes and projects in Connecticut (To be determined)
- (G) Various Routes and Projects in New Jersey and Pennsylvania (To be determined)
- (H) Various Routes and Projects in Connecticut (To be determined)
- (I) Various Routes and Projects in Connecticut (To be determined)
- (J) Various Routes and Projects in Vermont (To be determined)
- (K) Various Routes and Projects in Pennsylvania (To be determined)
- (L) Various Routes and Projects in Pennsylvania (To be determined)
- (M) Various Routes and Projects in New Jersey (To be determined)
- (N) Various Routes and Projects in Connecticut (To be determined)
- (O) Various Routes and Projects in Connecticut (To be determined)
- (P) Various Routes and Projects in New Jersey and Pennsylvania (To be determined)
- (Q) Various Routes and Projects in Connecticut (To be determined)
- (R)✓ Mount Anthony Middle School, 747 East Rd, Bennington, VT 05201
- (S) Various Routes and Projects in New Jersey and Pennsylvania (To be determined)
- (T) Various Routes and Projects in New Jersey and Pennsylvania (To be determined)

Item 11 Client Telephone Number:

- (A) 201-216-2986
- (B) 908-687-6070
- (C) 973-366-7741
- (D) 518-732-7773
- (E) 973-595-6250
- (F) 860-489-9261
- (G) 973-293-3436
- (H) 860-549-3200
- (I) 203-775-1437
- (J) 413-442-6926
- (K) 845-567-3100
- (L) 570-269-2765
- (M) 845-358-4500
- (N) 203-334-6888
- (O) 860-267-3529
- (P) 516-221-2330
- (Q) 770-447-1144
- (R)✓ 802-249-2684
- (S) 610-837-4100
- (T) 717-390-4608

Item 12 - Technicians to perform work:

Antonelli, Thomas	Hamilton, Richard	Rykowski, Matt
Barrett, Frank	John, Kenneth	Scheuer, Brian
Bennett, David	Jones, Chris	Scholfield, Karen
Bolivar, Mark	Josephs, Keith	Schutz, Brian
Bork, Paul,	Kennedy, Matthew	Smith, James
Bracco, Russ	Menke, Martin	Smith, Ryan
Brower, Anthony	Meyer, Michael	Sosler, Paul
Brower, Christopher	Minor, Arthur	Steele, Drew
Clark, Mark	Morris, Linda-Le	Strait, Lizette
Cobb, Daryl	Nooney, Jason	Terrota, James
Creeden, Michael	O'Dell, Daryl	Vogel, Ken
Davidson, Robert	Olszewski, Scott	Weill, Greg
Donnelly, John	Palo, Chris	Wemple, David
Flannery, David	Patton, Kevin	Yost, Alex
Foster, Mark	Patton, Robert	
Giraud, William	Pirog, Stanley	
Goewey, Duane	Riordan, Mark	

Item 13 - Work Location Telephone Number

(A) Not Available
 (B) Not Available
 (C) Not Available
 (D) Not Available
 (E) Not Available
 (F) Not Available
 (G) Not Available
 (H) Not Available
 (I) Not Available
 (J) Not Available
 (K) Not Available
 (L) Not Available
 (M) Not Available
 (N) Not Available
 (O) Not Available
 (P) Not Available
 (Q) Not Available
 (R) ✓ 802-440-9658
 (S) Not Available
 (T) Not Available

Item 14 - Dates Scheduled

JANUARY	(3) 1/15-1/17,	(5) 1/20-1/24,	(5) 1/27-1/31		
FEBRUARY	(5) 2/3-2/7,	(5) 2/10-2/14,	(5) 2/17-2/21,	(5) 2/24-2/28	
MARCH	(5) 3/3-3/7,	(5) 3/10-3/14,	(5) 3/17-3/21,	(5) 3/24-3/28,	(1) 3/31
APRIL	(4) 4/1-4/4,	(5) 4/7-4/11,	(5) 4/14-4/18,	(5) 4/21-4/25,	(3) 4/28-4/30
MAY	(2) 5/1-5/2	(5) 5/5-5/9,	(5) 5/12-5/16,	(5) 5/19-5/23,	(5) 5/26-5/30
JUNE	(5) 6/2-6/6,	(5) 6/9-6/13,	(5) 6/16-6/20,	(5) 6/23-6/27,	(1) 6/30
JULY	(3) 7/1-7/3,	(5) 7/7-7/11,	(5) 7/14-7/18,	(5) 7/21-7/25,	(4) 7/28-7/31
AUGUST	(1) 8/1,	(5) 8/4-8/8,	(5) 8/11-8/15,	(5) 8/18-8/22,	(5) 8/25-8/29
SEPTEMBER	(5) 9/1-9/5,	(5) 9/8-9/12,	(5) 9/15-9/19		



STATE OF NEW YORK • DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

DL 01-338

Page 1 of 4 Page(s)

PURSUANT TO THE LABOR LAW AND INDUSTRIAL CODE RULE 38, AND IN RELIANCE ON STATEMENTS AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE DESIGNATED BELOW, A LICENSE IS HEREBY ISSUED AUTHORIZING SUCH LICENSEE TO RECEIVE, POSSESS, USE AND TRANSFER RADIOACTIVE MATERIALS(S) DESIGNATED BELOW; AND TO USE SUCH RADIOACTIVE MATERIALS FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW. THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND ORDERS NOW OR HEREAFTER IN EFFECT OF ALL APPROPRIATE REGULATORY AGENCIES AND TO ANY CONDITIONS SPECIFIED BELOW.

1. NAME OF LICENSEE Advance Testing Co., Inc.		FEIN:14-1672799 PHONE:(845)496-1600	3. LICENSE NUMBER 2434-3468
2. ADDRESS OF LICENSEE 3348 Route 208 Campbell Hall, New York 10916			4. EXPIRATION DATE January 31, 2005
			5a. REFERENCE NO. b. AMENDMENT NO. 7 --
6. Radioactive materials (element in mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time	
A. Cesium 137	A. Sealed Sources	A. See Condition 9	
B. Americium 241: Beryllium	B. Sealed Sources	B. See Condition 9	
C. Cobalt 57	C. Sealed Source	C. See Condition 9	
D. Cadmium 109	D. Sealed Source	D. See Condition 9	

9. Authorized use:

Conditions 6.A. and 6.B.

A. The licensee is authorized to use any sealed source, or associated portable moisture/density gauge that has been manufactured and distributed in accordance with a specific license issued by an Agreement State or the United States Nuclear Regulatory Commission. Combinations of sources and devices must be compatible for use as stated in a Sealed Source and Device Registration Certificate (i.e. stated in the registration certificate for the source or device).

B. No single source may exceed the maximum activity specified for that nuclide in the Sealed Source and Device Registration Certificate for any device in which the source is to be used.

Conditions 6.C. and 6.D.

A. The licensee is authorized to use any sealed source, or associated portable x-ray fluorescence device that has been manufactured and distributed in accordance with a specific license issued by an Agreement State or the United States Nuclear Regulatory Commission. Combinations of sources and devices must be compatible for use as stated in a Sealed Source and Device Registration Certificate (i.e. stated in the registration certificate for the source or device).

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DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

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3. License Number 2434-34685a. Ref. No. -7-b. Amend. No. ---

(Condition 9 continued)

- B. No single source may exceed the maximum activity specified for that nuclide in the Sealed Source and Device Registration Certificate for any device in which the source is to be used.
- C. Only portable x-ray fluorescence devices which require continuous activation by the operator, and which incorporate a mechanism to automatically return the source to its shielded position (e.g., a "dead-man" switch) may be obtained and used under this license. Devices which rely upon positive action by the operator to shield the source, such as operation of a key switch, or which do not require continuous operator activation during exposure, are not authorized under this license.
10. A. Licensed material shall be stored at the address in Condition 2 of the license, and may be used at temporary job sites of the licensee anywhere within the State of New York, where the Department of Labor exercises jurisdiction.
- B. Overnight storage at other locations shall be in accordance with statements referenced in Condition 22 herein, providing that such storage may not be in a residence, or in an attached garage except within a vehicle. Any vehicle used for storage shall be driven only for purposes associated with use or transport of the contained radioactive material, by a person qualified to use the material, and no passengers shall be carried unless they are also involved in work under this license. Vehicular storage shall only be allowed if no other storage is possible and shall not exceed five (5) consecutive nights unless authorization to exceed this limit is obtained from the Department.
- C. Under no circumstances shall radioactive material authorized by this license be transferred to the custody of any person or firm other than the licensee, or be used or stored by another person or firm or its employees, unless that person or firm possesses a valid license to possess and use such radioactive material.
11. Licensed material shall be used by, or under the supervision of, Christopher M. Brower (Radiation Safety Officer), by licensee personnel trained and certified by the device manufacturer. The licensee shall maintain a complete and accurate record of the qualifications of each person permitted to use radiation sources under this license.
12. Sealed Sources containing radioactive materials shall not be opened or removed from a gauge by the licensee.
13. A. The licensee is not authorized to dismantle, repair, or effect any changes in the source holders/devices.
- B. The licensee shall not alter labels attached to devices, and shall maintain labels in legible condition at all times.
14. The licensee shall instruct persons who engage in work under the license, in accordance with section 38.27(c) of Code Rule 38. Such instruction shall include the licensee's operating and emergency procedures, and other information contained in documents incorporated in Condition 22.

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DIVISION OF SAFETY AND HEALTH

RADIOACTIVE MATERIALS LICENSE

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3. License Number 2434-34685a. Ref. No. -7-b. Amend. No. ---

15. The licensee shall conduct a physical inventory every six (6) months to account for all 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 Department, and shall include the quantities and kinds of licensed material, Manufacturer's Name and Model No., serial number, location of the devices, the date of the inventory and the name of the person who performed it.
16. A. The licensee shall maintain a utilization log containing the identification of sources used, dates removed and returned to storage, the location of use, and the identity of user.
- B. The log shall be kept at the location of storage, and it shall contain sufficient detail to enable the licensee to inform the Department at any time the exact location of each source.
17. Current copies of the following documents shall be maintained at temporary job sites for Department inspection:
- A. The manufacturer's instruction manual and the licensee's operating and emergency procedures, and required DOT shipping papers.
- B. A copy of the results of the latest test for leakage and/or contamination performed on the sealed sources.
18. In the event that a theft, loss or other serious incident does occur, the Department shall be notified immediately by telephone and subsequent information acquired by the licensee shall be reported as it is received. All device users must carry the NYSDOL's current telephone number in their emergency procedures.
19. A. The licensee shall ensure that all persons authorized to use portable gauges comply with safe use and maintenance procedures and that they do not leave a gauge unattended or unsecured at any time, even for a few minutes.
- B. Each gauge shall be maintained as prescribed by the manufacturer. In particular, the licensee must take such actions as are necessary to keep gauges in compliance with the Sealed Source & Device Registry sheets for the devices, including any recalls, safety retrofits, inspections or other actions specified by the device manufacturer.
- C. Licensees shall ensure that gauges are only used by individuals who have received the required training, and who follow prescribed procedures. Any evidence of abuse, mishandling, or failure to perform necessary maintenance by a worker must be addressed and corrected.
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 Section 38.7 of 12 NYCRR 38 for establishing decommissioning financial assurance.

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RADIOACTIVE MATERIALS LICENSE

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3. License Number 2434-34685a. Ref. No. -7-b. Amend. No. ---

21. Each gauge shall be inspected on a daily basis before use to ensure proper operation of all safety features as follows:
- A. Turn the gauge over and visually verify that the tungsten sliding block is completely closed, keeping as much distance as possible between you and the base of the gauge. If any portion of the opening is uncovered, the sliding block must be cleaned and returned to the fully closed position before transporting, using, or storing the gauge. The manufacturer's instructions for cleaning the sliding block must be followed.
 - B. If a radiation survey meter is available, and in good working order, radiation levels at the gauge surface shall be checked. The exposure rate should be approximately 10-20 mrem per hour.
 - C. If a sliding block is found to be partially or fully open, the Department of Labor must be notified by telephone within 24 hours.
22. 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.
23. Except as specifically provided otherwise in this License, the licensee shall conduct its program in accordance with the statements, representation and procedures contained in the documents, including any enclosures, listed below. The Department's Regulations shall govern, unless the statements, representation, and procedures in the licensee's application and correspondence are more restrictive than the Regulations.
- A. License Renewal Request dated November 2, 2001, signed by James P. Smith, Jr.
 - B. License Renewal Application dated February 12, 2002, signed by Christopher M. Brower, with attachments.
 - C. Letter dated April 2, 2002, signed by Christopher M. Brower, with attachments.

Linda Angello
COMMISSIONER OF LABORby: Clayton Bradt, CHP
Principal RadiophysicistDATE: 4/16/02
DJS: msw