

NRC FORM 241
(7-1992)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0013

EXPIRES: 07/31/2002

Estimated burden per response to comply with this mandatory collection request: 16 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 b1e1@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)

Testwell Laboratories, Inc.

2. TYPE OF REPORT

☒ INITIAL ☐ REVISION ☐ CLARIFICATION

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

47 Hudson St Ossining, NY 10562

4. LICENSEE CONTACT AND TITLE

Bruce R. Ballard, RSO

5. TELEPHONE NUMBER
(Include Area Code)

914 762 9000

6. FACSIMILE NUMBER
(Include Area Code)

914 762 9638

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

☐ WELL LOGGING☐ LEAK TESTING AND/OR CALIBRATIONS☐ THERAPY/RADIATION 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

Luzerne Iron Works
300 Sleigh Street
Luzerne, PA9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION
(Street and Number or other location. Give as complete an address or directions as possible.)

Same As Line #8

10. CLIENT TELEPHONE NUMBER
(Include Area Code)

570 288 1950

11. WORK LOCATION TELEPHONE NUMBER
(Include Area Code)

Same As Line #10

12. DATES SCHEDULED

FROM

05/02/01

TO

05/02/01

13. NUMBER OF
WORK DAYS

1

14. ADD

15. DELETE

16. LOCATION
REFERENCE NUMBERNUMBER TO BE
ASSIGNED BY NRC

000855

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.)

Iridium-192 80 curies Sealed Source SPEC-150 Device

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

2930-4164

STATE

NY

EXPIRATION DATE

05/31/03

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)

Bruce R. Ballard, RSO

SIGNATURE

DATE

04/30/01

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)

Judith A. Joubert, RSO

SIGNATURE

DATE

5/1/01

TOTAL USAGE - DAYS TO DATE

1

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PRINTED ON RECYCLED PAPER

30 4/30/01



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

RADIOACTIVE MATERIALS LICENSE

DL 99-453

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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 MATERIAL(S) DESIGNATED BELOW; AND TO USE SUCH RADIOACTIVE MATERIAL(S) 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 Testwell Laboratories, Inc.		3. LICENSE NUMBER 2930-4164	
2. ADDRESS OF LICENSEE 47 Hudson Street Ossining, New York 10562		4. EXPIRATION DATE May 31, 2003	
		5a. REFERENCE No. 1	b. AMENDMENT No.
6. RADIOACTIVE MATERIALS (element in mass number) A. Cobalt 60 B. Cesium 137 C. Ytterbium 169 D. Thulium 170 E. Iridium 192 F. Uranium, depleted	7. CHEMICAL AND/OR PHYSICAL FORM A. through E. Sealed Sources F. Shielding	8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME A. through E. (See Condition 9.) F. 999 kilograms total	

9. Authorized use:

Conditions 6.A. through 6.E.:

- A. The licensee is authorized to use any sealed source, radiographic exposure device or source exchanger which has been manufactured and distributed in accordance with a specific license issued by an Agreement State or the United States Nuclear Regulatory Commission for the performance of industrial radiography, and which meets the requirements of paragraphs 38.34(b) and 38.34(c) of 12NYCRR Part 38. Combinations of sources, source exchangers, and/or exposure 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, source exchanger, or exposure device).
- B. No single source may exceed the maximum activity specified for that nuclide in the Sealed Source and Device Registration Certificate for any source exchanger or exposure device in which the source is to be used.

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3. License Number 2930-41645a. Ref. No. -1-b. Amend. No. -

- C. The licensee is authorized to receive, possess, and use sealed sources of Cobalt 60 or Iridium 192 where the radioactivity exceeds the maximum amount of radioactivity specified in Condition 9.B. of this license provided:
- (i) such possession does not exceed the quantity per source specified in Condition 9.B. by more than 10% for Cobalt 60 or 20% for Iridium 192;
 - (ii) records of the licensee show that no more than the maximum amount of Radioactivity per source specified in Condition 9.B. of the license was ordered from the supplier or transferor of the radioactive material; and
 - (iii) the levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in paragraph 38.34(c) of 12 NYCRR Part 38.
- D. Notwithstanding paragraph (A) of this condition, and the requirements of paragraph 38.34(b) of 12 NYCRR Part 38, equipment used in industrial radiographic operations need not comply with section 8.9.2(c) of the Endurance Test in American National Standards Institute N432-1980, if the prototype equipment has been tested using a torque value representative of the torque that an individual using the radiography equipment can realistically exert on the lever or crankshaft of the drive mechanism.
- E. In addition to the possession limits in paragraphs B. and C. of this condition, the licensee shall further restrict the possession of licensed material to quantities below the limits specified in section 38.7 of 12 NYCRR Part 38.

Condition 6.F.:

As shielding in radiographic exposure devices, source exchangers and storage containers.

10. A. The Radiation Safety Officer for this license is Bruce Ballard (RSO).
- B. The following persons are authorized to perform as industrial radiographers under the license: Bruce Ballard; and persons who have received the training specified in section 38.34 (l)(1) of 12 NYCRR part 38, and have been certified through a radiographer certification program by an Independent Certifying Organization acceptable to the Department.
11. A. Licensed material shall be stored at licensee installation specified in Condition 2. of this 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 for regulating the use of radioactive material.
- B. Overnight storage at other locations shall be in accordance with statements referenced in Condition 19 of the license, 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

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11. B. (continued)

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. Whenever radiography will be performed outside of a permanent radiographic installation the radiographer must be accompanied by another qualified radiographer, or an individual with at least the qualifications of a radiographer's assistant.

D. The licensee is not authorized to perform retrieval or recovery of a disconnected source, or a source that cannot be retracted to the shielded position by normal means.

12. The licensee shall not authorize any radiographer to use any model of a radiographic exposure device, related handling tool, or radiation survey instrument until the radiographer has been trained in the use of such equipment, and has demonstrated competence in its use. For each radiographer, the licensee shall maintain the following records available for inspection:

A. Training received by the radiographer in the use of such equipment, including dates, duration, and name of instructor.

B. Each radiographic exposure device which the radiographer has demonstrated competence in using, including the date of demonstration of competence.

13. Current copies of the following documents shall be maintained at temporary job sites for Department inspection:

A. operating and emergency procedures; and

B. evidence of latest calibration of the radiation survey instruments in use at the site; and

C. the latest records of the survey of the radiographic exposure device and source guide tube after the last exposure of the work day, after any source exchange and whenever a device is placed in a storage area; and

D. the shipping papers for the transportation of radioactive materials.

14. The licensee must ensure that all persons authorized to use radiography exposure devices comply with safe use and maintenance procedures and that they do not leave a device unattended or unsecured at any time, even for a few minutes.

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15. In the event that a theft, loss, inability to retract a source or other serious incident does occur, the Department must be notified immediately by telephone and subsequent information acquired by the licensee must be reported as it is received. All radiography personnel must carry the Department's current telephone number in their emergency procedures along with the after-hours telephone number for the New York State Warning Point.
16. A. The licensee is not authorized to repair, modify or affect any changes in the radiographic exposure devices or associated equipment.
- B. The licensee shall ensure that all radiographic exposure devices and associated equipment, have all required labels, and that labels are legible and clearly visible.
17. A. Leak tests of sealed sources shall be performed every six (6) months in accordance with Sections 38.22(f) and 38.34(h)(3) of Code Rule 38. Off-site analysis of leak test samples shall be performed by persons specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- B. Upon detection of 0.005 microcuries or more of removable contamination, the licensee shall immediately remove such Sealed source from use and take action to prevent the spread of contamination. A report shall be filed within five (5) days with the State of New York, Department of Labor, Radiological Health Unit, specifying the source involved, the tests results and corrective action taken.
18. 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 19.
19. 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, listed below. The Department's regulations shall govern, unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Operating and Emergency Procedures Manual and Administrative Procedures and Equipment Requirements Manual, received December 23, 1999.
- B. License application dated May 1, 2000, signed by V. Reddy Kancharla, with attachments.
- C. Letter dated March 9, 2000, signed by Bruce R. Ballard.
- D. Letter dated April 4, 2000, signed by Bruce R. Ballard.

James J. McGowan
Commissioner of Laborby: Clayton J. Bradt, CHP
Associate RadiophysicistDATE: 5/9/00
CJB:CJB