

NRC FORM 241 (7-1999)

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
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.

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

Thielsch Engineering, Inc.

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

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

19 Frances Avenue
Granston, RI 02910

4. LICENSEE CONTACT AND TITLE

Arthur Haley, Manager NDE

5. TELEPHONE NUMBER (Include Area Code)

401-467-6454

6. FACSIMILE NUMBER (Include Area Code)

401-467-2398

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

WELL LOGGING

LEAK TESTING AND/OR CALIBRATIONS

THERAPY/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

Cellu-Tissue
2 Forbes Street
East Hartford, CT 06128-0096

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

Same as #8

10. CLIENT TELEPHONE NUMBER (Include Area Code)

860-289-7496

11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)

same as #10

12. DATES SCHEDULED

FROM 1/1/02 TO 1/2/02
7:00pm TO 6:00am

13. NUMBER OF WORK DAYS

2

14. ADD

15. DELETE

16. LOCATION REFERENCE NUMBER

NUMBER TO BE ASSIGNED BY NRC

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 SN02333B Amersham 660B SN B2332 60 Curies

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

3L-065-01

STATE

RI

EXPIRATION DATE

See Attached

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 - RSD or Management Representative (Name and Title)

Arthur Haley Manager, NDE

SIGNATURE

Arthur Haley

DATE

12/26/01

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)

Pamela J. Henderson

SIGNATURE

Pamela J. Henderson

DATE

1/2/02

TOTAL USAGE - DAYS TO DATE

2

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF HEALTH

Safe and Healthy Lives in Safe and Healthy Communities

13 July 2000

License No. 3D-000-01
Control No. 00-24

Mr. Thomas Grimes
Thiesch Engineering, Inc.
195 Frances Avenue
Cranston, RI 02910-2211

SUBJECT: LICENSE RENEWAL APPLICATION DATED 28 June 2000

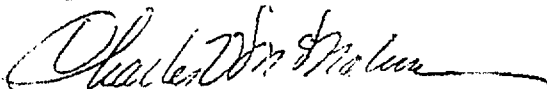
Dear Mr. Grimes:

This is to acknowledge receipt of your application for renewal of the materials license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

This letter does not grant approval of any changes in radiation safety procedures, radioactive materials or possession limits. If such changes have been requested, they must await final approval from this office in the form of a license renewal.

Any correspondence regarding the renewal application should reference the control number specified and your license number.

Very truly yours,



Charles V. McMahon
Supervising Radiation Control Specialist
Office of Occupational and
Radiological Health

RHODE ISLAND RADIATION CONTROL AGENCY

MATERIALS LICENSE

Supplementary Sheet

License No. 3D-065-01

Amendment No. 08

Thielsch Engineering, Inc.
195 Frances Avenue
Cranston, RI 02920-2211

In accordance with letter dated 15 December 1998, license number 3D-065-01 is amended as follows:

Items 6, 7, 8 and 9 are amended to read:

- | | | |
|-------------------------|---|--|
| 6. Radioactive Material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
| A. Iridium 192 | A. Sealed source (Amersham Model A424-9) | A. No single source to exceed 120 curies |
| B. Iridium 192 | B. Sealed source (Amersham Model A424-9) | B. No single source to exceed 140 curies |
| C. Cobalt 60 | C. Sealed source (Amersham Model A424-15) | C. No single source to exceed 11 curies |
| D. Cobalt 60 | D. Sealed source (Amersham Models A424-14, 943) | D. No single source to exceed 110 curies |
| E. Cobalt 60 | E. Sealed source (Amersham Model 571) | E. One source not to exceed 15 millicuries |
| F. Depleted Uranium | F. Shielding material | F. 999 kilograms |

RHODE ISLAND RADIATION CONTROL AGENCY

MATERIALS LICENSE

Supplementary Sheet

License No. RI-065-01

Amendment No. 00

9. Authorized Use

- A. For use in Amersham 660 System and Model 660A or 660AB exposure devices for industrial radiography, and in Amersham Model 650 source changer for storage and replacement of sources.
- B. For use in Amersham 660 System and Model 660B or 660BB exposure devices for industrial radiography, and in Amersham Model 650 source changer for storage and replacement of sources.
- C. For use in Amersham Model 684 System and Model 684A, 684AB, 684B or 684BE exposure devices for industrial radiography.
- D. For use in Amersham 680 System and Model 680A, 680AB, 680B or 680BE exposure devices for industrial radiography.
- E. For storage only.
- F. For use as shielding in radiography equipment.

Conditions 10, 11 and 14 are amended to read:

- 10. A. Radioactive material shall only be stored at the licensee's facilities located at 195 Frances Avenue, Cranston, RI, or at temporary jobsites anywhere in the State of Rhode Island except areas under exclusive Federal jurisdiction.
- B. Radioactive material shall be used only at the following:
 - 1. Permanent Radiographic Installation(s): 195 Frances Avenue, Cranston, RI (Ir-192 only).
 - 2. The licensee's facilities located at 195 Frances Avenue, Cranston, RI, as described in licensee's letter dated 12 March 1999 (Ir-192 only).
 - 3. Temporary Jobsites: Anywhere in the State of Rhode Island except areas under exclusive Federal jurisdiction.

RHODE ISLAND RADIATION CONTROL AGENCY

MATERIALS LICENSE

Supplementary Sheet

License No. DR-085-01Amendment No. 02

11. Licensed material shall be used by, or under the supervision and in the physical presence of individuals who have been designated in writing by the Radiation Safety Officer and have been trained as specified in TEI NDT-41, Revision 18 and as specified in Section E.2.10 of the Rules and Regulations for the Control of Radiation.
14. Notwithstanding the periodic leak test required by Section E.2.6(b) of the Rules and Regulations for the Control of Radiation, such requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of transfer. No sealed source or device containing licensed material shall be stored for a period of more than 3 years without being tested for leakage and/or contamination.

Conditions 15, 16 and 17 are deleted.

Condition 18 is renumbered as Condition 15.

Condition 19 is renumbered as Condition 16 and is amended to read:

16. 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 Radiation Control Agency'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 14 September 1995.
 - B. Letter dated 10 July 1996.
 - C. Letter dated Radiation Safety Manual TEI NDT-41, Revision 18.
 - D. Letter dated 13 January 1997.
 - E. Letter dated 15 January 1997.
 - F. Letter dated 24 March 1997.
 - G. Letter dated 29 August 1997.
 - H. Letter dated 15 December 1998.
 - I. Letter dated 8 February 1999.
 - J. Letter dated 12 March 1999.

Date

April 12, 1999

For the Rhode Island Radiation Control Agency

by

Chad V. M. [Signature]



B2332

AEA Technology
QSA Inc.
40 North Avenue
Burlington MA 01803
Telephone: 617 273 2700
Telexphone: 6800 813 1000
Facsimile: 617 273 2700

Source Certificate

Radioisotope: Iridium-192

Source Model: 424-T

ISO/ANSI Classification: 77C63535

Source Serial: 023330

IAEA Special Form Reference Number: USA/0335/S

MEASURED EQUIVALENT ACTIVITY 107.7 Curies (3.98TBq) on 10/31/2001

SOURCE PHYSICAL SIZE:

Diameter: 0.118 in. 3.0 mm
Length: 0.120 in. 3.0 mm
Diagonal: 0.168 in. 4.3 mm

QUALITY CONTROL TESTS

Wipe Test A: 0.00045 uCi
Vacuum Bubble Test: Satisfactory
Tensile Test: Satisfactory
Wipe Test B: 0.00045 uCi 10/31/2001
Technician: *[Signature]*

Date	Activity (Curies)	Date	Activity (Curies)	Date	Activity (Curies)
10/31/2001	107.7	02/13/2002	40.2	05/29/2002	15.0
11/07/2001	100.9	02/20/2002	37.7	06/05/2002	14.1
11/14/2001	94.5	02/27/2002	35.3	06/12/2002	13.2
11/21/2001	88.5	03/06/2002	33.0	06/19/2002	12.3
11/28/2001	82.8	03/13/2002	30.9	06/26/2002	11.6
12/05/2001	77.6	03/20/2002	29.0	07/03/2002	10.8
12/12/2001	72.6	03/27/2002	27.1	07/10/2002	10.1
12/19/2001	68.0	04/03/2002	25.4	07/17/2002	9.5
12/26/2001	63.7	04/10/2002	23.8	07/24/2002	8.9
01/02/2002	59.7	04/17/2002	22.3	07/31/2002	8.3
01/09/2002	55.9	04/24/2002	20.9	08/07/2002	7.8
01/16/2002	52.3	05/01/2002	19.5	08/14/2002	7.2
01/23/2002	49.0	05/08/2002	18.3	08/21/2002	6.8
01/30/2002	45.9	05/15/2002	17.1	08/28/2002	6.4
02/06/2002	43.0	05/22/2002	16.1	09/04/2002	6.0

60ci