

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 **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 (7-6 E9), 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 (For an or firm proposing to conduct the activities described below)
 Applied Technical Services, Inc.

2. TYPE OF REPORT
 INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
 1190 Atlanta Industrial Drive
 Marietta, GA 30066

4. LICENSEE CONTACT AND TITLE
 Gene Mock - RSO

5. TELEPHONE NUMBER (Include Area Code) **6. FACSIMILE NUMBER** (Include Area Code)
 770-423-1400 770-514-3299

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 (CERTIFICATE OF COMPLIANCE NUMBERS) _____

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
 Hamlin Air Conditioning and Sheet Metal, Inc.
 4023 I-475 Industrial Blvd.
 Macon, GA 31203

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address as possible.)
 Robins AFB
 235 Byron Street
 Robins AFB, GA 31098

10. CLIENT TELEPHONE NUMBER (Include Area Code) **11. WORK LOCATION TELEPHONE NUMBER** (Include Area Code)
 478-477-5506 478-327-7563

| 12. DATES SCHEDULED | 13. NUMBER OF WORK DAYS | 14. ADD | 15. DELETE | 16. LOCATION REFERENCE NUMBER |
|---------------------|-------------------------|---------|------------|-------------------------------|
| FROM: 12/13/02 | TO: 12/18/02 | 1 | | 000789 |

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 - See attached sheet

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. (This column of the licensee license must accompany the initial NRC Form 241.)

| | | |
|----------------|-------|-----------------|
| LICENSE NUMBER | STATE | EXPIRATION DATE |
| GA896-1 | GA | 10/31/03 |

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 - NRC or Management Representative (Name and Title) SIGNATURE DATE

Ron Johnston - NDT IA Manager *[Signature]* 12/16/02

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 SIGNATURE DATE TOTAL USAGE - DAYS TO DATE

Janice H. Kirby *[Signature]* 12/16/02 33

Licensing Assistant

**APPLIED TECHNICAL SERVICES, INCORPORATED**

1190 Atlanta Industrial Drive
Marietta, Georgia 30066
(770) 423-1100
Fax # (770) 514-3299

Augusta, Georgia
Savannah, Georgia
Chesapeake, Virginia
Greenville, South Carolina

FACSIMILE COVER LETTERDATE: December 16, 2002TO: Janice KirbyFAX #: 404-562-4955ALTERNATE
FAX # _____FROM: Vickie Arnbrister

We are transmitting 4 page(s).
If transmission is incomplete call: 770-423-1400

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COMMENTS:

*Professional Engineers and Scientist
Design • Consulting • Testing and Inspection*
Members in AAFS, ACS, ASM, ASME, ASNT, ASQC, ASTM, AWS, FSCT, IAAI, NACE, NCSI, NFPA, SABS
GEORGIA SOCIETY OF PROFESSIONAL ENGINEERS, NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

NO. 6927

P.O. Bx 2342
MORAN 31203

NDI Job # A- 34756

Customer: HAMILTON A/C & SHEET METAL

Contact: REGGIE
Ph. 478-477-5506

Site Contact: DAN HAMILTON
Ph. LOGAN DEKORSON
978-922-4220

Address of Job Site: WARRNER ROBINS DFB

TRVR

Date requested: WEDS DEC 11

DO ON 2ND TRIP

Time requested: 9 AM

SRT
WED
c/s

MT of FILET
PIPE

Type of Inspection:

Directions to job site:

NOTES: ~~XXXXXXXXXX~~ 1.8-2 1/2" IN A TRENCH
8-3"
+2-4 other

BASED PSD
CORNER LANGE
478-477-7563

Call



2488

AEA Technology
QSA Inc.

40 North Avenue
Dartington, MA 01803
Telephone (781) 272-2000
Telephone (800) 815-1383
Facsimile (781) 273-2216

Source Certificate

Radioisotope: *Ir-192*
ISO/ANSI Classification: C63535
IAEA Special Form Reference Number: USA/0335/S
Measured Equivalent Activity on 113.6 Ci 4.2 TBq

Holder/Capsule #: 061388
Source Model: 424-9
Product Code: ICUCF100
Sales Order: 124187 APPLIED TECHNICAL SERVICE

| Source Physical Size: | Actual | Nominal |
|-----------------------|------------|------------|
| Diameter | 3.000 (in) | 0.000 (in) |
| Length | 3.000 (in) | 0.000 (in) |
| Diagonal | 4.243 (in) | 0.000 (in) |

Quality Control Tests Aug-22-2002
 Wipe Test A: <0.00045 uCi
 Vacuum Bubble Test: Passed
 Tensile Test: Passed
 Wipe Test B: <0.00045 uCi

Decay Data:

| Activity in Curies | | | |
|--------------------|-------|----------|-------|
| Date | Time | Activity | Date |
| 113.6 | 12.3 | 111.9 | 102.4 |
| 105.4 | 125.4 | 104.4 | 102.4 |
| 99.6 | 58.7 | 97.5 | 95.9 |
| 87.3 | 25.5 | 85.7 | 85.0 |
| 81.0 | 20.3 | 84.9 | 81.3 |
| 75.4 | 15.9 | 79.5 | 78.8 |
| 71.7 | 11.0 | 74.4 | 73.1 |
| 67.1 | 6.5 | 69.1 | 67.8 |
| 62.9 | 2.3 | 64.7 | 63.5 |
| 58.9 | 58.3 | 60.5 | 59.2 |
| 55.1 | 51.2 | 57.2 | 55.6 |
| 51.6 | 47.4 | 53.1 | 52.2 |
| 48.3 | 44.8 | 49.7 | 48.8 |
| 44.4 | 42.0 | 46.5 | 45.1 |
| 40.7 | 39.3 | 43.2 | 42.8 |
| 37.2 | 36.8 | 40.3 | 40.4 |
| 33.8 | 34.5 | 37.9 | 37.5 |
| 30.5 | 32.3 | 35.8 | 35.1 |
| 28.6 | 30.3 | 33.8 | 32.9 |
| 25.0 | 28.1 | 31.7 | 30.8 |
| 23.4 | 26.2 | 29.7 | 28.8 |
| 22.0 | 24.6 | 27.8 | 27.0 |
| 20.6 | 23.1 | 25.8 | 25.3 |
| 19.3 | 21.8 | 24.1 | 23.7 |
| 18.0 | 20.5 | 22.6 | 22.2 |
| 16.8 | 19.1 | 21.3 | 20.8 |
| 15.5 | 17.9 | 19.8 | 19.4 |
| 14.8 | 16.5 | 18.5 | 18.2 |
| 13.9 | 15.2 | 17.2 | 17.0 |
| 13.0 | 14.0 | 16.3 | 16.1 |
| 12.2 | 12.9 | 15.4 | 15.0 |
| 11.4 | 11.9 | 14.4 | 14.9 |
| 10.7 | 10.8 | 13.4 | 14.0 |
| 10.0 | 9.9 | 12.4 | 13.1 |
| 9.3 | 9.2 | 11.5 | 12.3 |
| 8.7 | 8.5 | 10.7 | 11.6 |
| 8.2 | 7.9 | 10.0 | 10.9 |
| 7.7 | 7.5 | 9.4 | 10.1 |
| 7.2 | 7.1 | 8.8 | 9.5 |
| 6.7 | 6.6 | 8.3 | 8.9 |
| 6.3 | 6.2 | 7.9 | 8.4 |
| 5.9 | 5.8 | 7.4 | 7.9 |
| 5.5 | 5.5 | 7.0 | 7.2 |
| 5.2 | 5.2 | 6.5 | 6.8 |
| 4.9 | 4.9 | 6.1 | 6.4 |
| 4.6 | 4.6 | 5.7 | 6.0 |
| 4.3 | 4.3 | 5.4 | 5.6 |
| 4.2 | 4.2 | 5.1 | 5.2 |
| 4.0 | 4.0 | 4.7 | 4.9 |
| 3.9 | 3.9 | 4.4 | 4.6 |
| 3.8 | 3.8 | 4.1 | 4.3 |
| 3.8 | 3.8 | 3.8 | 4.0 |
| 3.8 | 3.8 | 3.5 | 3.8 |

Technician:

| Activity in Peta-Becquerels | | | |
|-----------------------------|------|----------|------|
| Date | Time | Activity | Date |
| 4.20 | 4.16 | 4.12 | 4.00 |
| 3.93 | 3.89 | 3.82 | 3.78 |
| 3.65 | 3.61 | 3.58 | 3.54 |
| 3.45 | 3.41 | 3.38 | 3.32 |
| 3.23 | 3.20 | 3.17 | 3.11 |
| 3.02 | 2.99 | 2.97 | 2.94 |
| 2.83 | 2.80 | 2.77 | 2.72 |
| 2.65 | 2.62 | 2.60 | 2.57 |
| 2.48 | 2.45 | 2.43 | 2.39 |
| 2.32 | 2.30 | 2.28 | 2.26 |
| 2.17 | 2.15 | 2.13 | 2.09 |
| 2.03 | 2.02 | 2.00 | 1.98 |
| 1.90 | 1.89 | 1.87 | 1.83 |
| 1.78 | 1.77 | 1.75 | 1.73 |
| 1.67 | 1.65 | 1.64 | 1.62 |
| 1.56 | 1.55 | 1.53 | 1.52 |
| 1.46 | 1.45 | 1.43 | 1.42 |
| 1.37 | 1.36 | 1.35 | 1.33 |
| 1.28 | 1.27 | 1.25 | 1.23 |
| 1.20 | 1.19 | 1.18 | 1.17 |
| 1.12 | 1.11 | 1.10 | 1.09 |
| 1.05 | 1.04 | 1.03 | 1.02 |
| 0.98 | 0.98 | 0.96 | 0.95 |
| 0.92 | 0.91 | 0.91 | 0.89 |
| 0.86 | 0.85 | 0.85 | 0.84 |
| 0.81 | 0.80 | 0.79 | 0.78 |
| 0.76 | 0.75 | 0.74 | 0.74 |
| 0.71 | 0.70 | 0.69 | 0.69 |
| 0.66 | 0.66 | 0.65 | 0.64 |
| 0.62 | 0.61 | 0.61 | 0.60 |
| 0.58 | 0.58 | 0.57 | 0.56 |
| 0.54 | 0.54 | 0.53 | 0.52 |
| 0.51 | 0.50 | 0.50 | 0.49 |
| 0.48 | 0.47 | 0.46 | 0.46 |
| 0.45 | 0.44 | 0.44 | 0.43 |
| 0.42 | 0.41 | 0.41 | 0.40 |
| 0.39 | 0.39 | 0.38 | 0.38 |
| 0.37 | 0.36 | 0.36 | 0.35 |
| 0.34 | 0.34 | 0.34 | 0.33 |
| 0.32 | 0.32 | 0.31 | 0.31 |
| 0.30 | 0.29 | 0.29 | 0.29 |
| 0.28 | 0.28 | 0.27 | 0.27 |
| 0.26 | 0.26 | 0.25 | 0.25 |
| 0.24 | 0.24 | 0.24 | 0.24 |
| 0.23 | 0.23 | 0.22 | 0.22 |
| 0.21 | 0.21 | 0.21 | 0.21 |
| 0.20 | 0.20 | 0.19 | 0.19 |
| 0.19 | 0.18 | 0.18 | 0.18 |
| 0.17 | 0.17 | 0.17 | 0.17 |
| 0.16 | 0.16 | 0.16 | 0.16 |
| 0.15 | 0.15 | 0.15 | 0.15 |
| 0.14 | 0.14 | 0.14 | 0.14 |