

**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 <i>(Person or firm proposing to conduct the activities described below)</i> Applied Technical Services, Inc.		2. TYPE OF REPORT <input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE <i>(Mailing address or other location where licensee may be located)</i> 1190 Atlanta Industrial Drive Marietta, GA 30066		4. LICENSEE CONTACT AND TITLE Gene Mock, RSO	
		5. TELEPHONE NUMBER <i>(Include Area Code)</i> 770-423-1400	6. FACSIMILE NUMBER <i>(Include Area Code)</i> 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 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 Fuel Tank Maintenance, L.L.C. 755 Humble Drive Cookeville, TN 38501 Putman County		9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION <i>(Street and Number or other location. Give as complete an address or directions as possible.)</i> Robins AFB 235 Bryon Street Robins AFB, GA 31098	
		10. CLIENT TELEPHONE NUMBER <i>(Include Area Code)</i> 931-528-1137	11. WORK LOCATION TELEPHONE NUMBER <i>(Include Area Code)</i> 478-327-7563

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM June 6, 2002	TO June 7, 2002	1			NUMBER TO BE ASSIGNED BY NRC

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 - 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. ABOVE <i>(Four copies of the specific license must accompany the initial NRC Form 241.)</i>	LICENSE NUMBER GA896-1	STATE GA	EXPIRATION DATE 10-31-03
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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 <i>(Name and Title)</i> Ron Johnston - NDT1A Manager	SIGNATURE 	DATE June 6, 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 <i>(Typed/Printed Name and Title)</i>	SIGNATURE	DATE	TOTAL USAGE -- DAYS TO DATE
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U.S. NUCLEAR REGULATORY COMMISSION

**REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF
EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS**

PLEASE READ THIS INFORMATION AND THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 241

Section 150.20 of 10 CFR 150 establishes a general license authorizing any person who holds a specific license from an "Agreement State" (a State with which the U.S. Nuclear Regulatory Commission has entered into an effective agreement under subsection 274b of the Atomic Energy Act of 1954) where the licensee maintains an office for directing the licensed activity and at which radiation safety records are normally maintained, to conduct the same activity in Non-Agreement States, areas of exclusive Federal jurisdiction, or In offshore waters if the specific license issued by the Agreement State does not limit the authorized activity to specified locations or installations.

INSTRUCTIONS

Licensees cannot perform work in areas of exclusive Federal jurisdiction without either (a) filing NRC Form 241 for reciprocity in accordance with 10 CFR 150.20(b) or (b) applying for a specific NRC license. An area of exclusive Federal jurisdiction is an area over which the Federal government exercises legal control without interference from the jurisdiction and administration of State law. For example: If the work is to be performed on Federal property in an Agreement State, the licensee must first determine the jurisdictional status of the area where the licensee plans to work. If the jurisdictional status of the work site is unknown to the licensee, the Agreement State licensee should contact the Federal agency that controls the facility where the work is to be performed. A written statement concerning the jurisdictional status is not required in order to file for reciprocity; however, it is recommended that the Agreement State licensee obtain such a statement for the file for future reference and inspection purposes.

For licensees seeking to conduct activities under reciprocity for the first time in a calendar year, submit this Form, 4 copies of the Agreement State specific license and the fee specified in fee Category 16, 10 CFR 170.31. NRC must receive this filing at least 3 days before the licensee engages in activities permitted under the General License established by Section 150.20 of 10 CFR 150.

In general, the preferred method of filing is through the transmission by facsimile of NRC Form 241, the Agreement State license, and a copy of the check as this method avoids many timing problems which may be caused by use of the mail. If the facsimile method is used, the transmission must be received by NRC 3 days before the licensee engages in the activity and contains a copy of the check that will be mailed to meet fee requirements. In addition, for initial filings, the licensee must also file the four copies of NRC Form 241, four copies of the Agreement State license, and the check for the fee within 3 days of facsimile transmission. Alternatively, the licensee may file the required information through the mail or other means as long as NRC receives the information at least 3 days before the licensee engages in the activity.

In completing NRC Form 241, it is important that the information submitted on NRC Form 241 be specific regarding the location and date of use as well as the activity requested. If it is not possible to provide complete information, such as addresses for the locations of work, the licensee should provide as much information as possible. The licensee is responsible for providing additional information as revisions or clarifications as soon as such information becomes available.

Item 2.

For licensees seeking to conduct activities under reciprocity for the first time in a calendar year, submit this Form, 4 copies of the Agreement State specific license and the fee specified in fee Category 16, 10 CFR 170.31. NRC must receive this filing at least 3 days before the licensee engages in activities permitted under the General License established by Section 150.20 of 10 CFR 150. The licensee should check the "initial" box if this is the first submission of Form 241 for the year.

For revisions such as additional work locations, changes to the radioactive material, or work activities that are different from the information submitted on the initial NRC Form 241, licensees should file by NRC Form 241 or letter, with the appropriate fee so that NRC receives the filing at least 3 days prior to engaging in such activity. Licensees should check the "revision" box to indicate revisions to the initial NRC Form 241. It is not necessary to resubmit the Agreement State license unless the license has been amended since the filing of the initial NRC Form 241.

Providing the regional office with information that clarifies or deletes specific locations or work sites; changes work site contacts; or adds or deletes dates of work different from the initial NRC Form 241 is considered a clarification and not a revision. The licensee should check "clarification" to indicate that the changes are only clarifications to the information provided on the initial NRC Form 241. It is not necessary to resubmit the Agreement State license unless the license has been amended since the filing of the initial NRC Form 241. No fee is required for clarifications.

NRC Form 241 may be used for submitting multiple work locations and clients for initial filings of NRC Form 241, as well as for submitting revisions and clarifications to previous filings. Separate sheets may be used provided it includes all of the requested information in Items 9-16 of NRC Form 241.

Under the general license, reciprocity activities are authorized only as long as the licensee holds a valid radioactive material license. If the license expires during the year, an extension letter or a renewed license issued by the regulating agency must be submitted to NRC before performing any additional work under reciprocity.

Items 12. - 16.

Under the general license, reciprocity activities, including storage (usage), conducted in non-Agreement States and areas of exclusive Federal jurisdiction, are limited to a total of 180 days in any calendar year except for work conducted in off-shore waters, which is authorized for an unlimited period of time in a calendar year. NRC tracks reciprocity usage on the basis of approved usage days. NRC will not approve any activity under the general license which causes the total usage days to exceed 180 days, except for work conducted in off-shore waters. NRC may note and notify the licensee that a filing proposes reciprocity activities which approach or would exceed the 180-day limit. It is important that licensees track the days of use and clarify or delete dates of work when applicable.

Item 12. should reference the proposed beginning and ending dates of work for each work location with the total number of days worked recorded in Item 13. Item 14. should be completed to show additional work dates different from those provided on the initial NRC Form 241 and Item 15. should indicate dates when work was not performed, as initially requested, that need to be deleted from the total work days. The Location Reference Number in Item 16. is generated by the NRC for use in tracking reciprocity activities and is specific for each work location. The Location Reference Number should be referenced for any revisions or clarifications to work location information.

Item 18 Licensees should identify the specific make and model numbers of sealed sources and devices.

NOTE: Inspections by NRC of activities performed in non-Agreement States, areas of exclusive Federal jurisdiction, or offshore waters by Agreement State licensees operating under the general license in 10 CFR 150.20 may be conducted at the listed work site locations or at the licensee's home office address. Failure to file an NRC Form 241 may result in civil or criminal penalties.

Agreement State licensees seeking to conduct activities under Reciprocity should file this Form, four copies of the Agreement State license, and the appropriate fee with the U.S. Nuclear Regulatory Commission Regional Administrator listed below for the region in which the Agreement State that issued the specific license is located:


IF THE AGREEMENT STATE LICENSE IS ISSUED BY:

Maine, Maryland, Massachusetts, New Hampshire,
New York, or Rhode Island,

SEND APPLICATION AND FEE PAYMENT TO:

Regional Administrator
Division of Nuclear Material Safety
ATTN: Reciprocity Request
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415
Telephone Number (800) 432-1156
Facsimile Number (610) 337-5393

IF THE AGREEMENT STATE LICENSE IS ISSUED BY:

 Alabama, Florida, Georgia, Kentucky, Mississippi, North
Carolina, South Carolina, or Tennessee,

SEND APPLICATION AND FEE PAYMENT TO:

Regional Administrator
Division of Nuclear Material Safety
ATTN: Reciprocity Request
U.S. Nuclear Regulatory Commission, Region II
Sam Nunn Atlanta Federal Center
61 Forsyth Street, S.W., Suite 23T85
Atlanta, GA 30303-8931
Telephone Number (800) 577-8510
Facsimile Number (404) 562-4955

IF THE AGREEMENT STATE LICENSE IS ISSUED BY:

Illinois, or Iowa,

SEND APPLICATION AND FEE PAYMENT TO:

Regional Administrator
Division of Nuclear Material Safety
ATTN: Reciprocity Request
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle, IL 60532-4351
Telephone Number (630) 829-9887
Facsimile Number (630) 515-1259

IF THE AGREEMENT STATE LICENSE IS ISSUED BY:

Arizona, Arkansas, California, Colorado, Idaho, Kansas,
Louisiana, Nebraska, Nevada, New Mexico, North Dakota,
Oregon, Texas, Utah, or Washington,

SEND APPLICATION AND FEE PAYMENT TO:

Regional Administrator
Division of Nuclear Material Safety
ATTN: Reciprocity Request
U.S. Nuclear Regulatory Commission, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064
Telephone Number (817) 860-8100
Facsimile Number (817) 860-8263

150.20 Recognition of Agreement State Licensees

(a)(1) Provided that the provisions of paragraph (b) of this section have been met, any person who holds a specific license from an Agreement State, where the licensee maintains an office for directing the licensed activity and retaining radiation safety records, is granted a general license to conduct the same activity in (i) Non-Agreement States; (ii) Areas of exclusive Federal jurisdiction within Agreement States; and (iii) Offshore waters.

(2) The provisions of paragraph (a)(1) of this section do not apply if the specific Agreement State license limits the authorized activity to a specific installation or location.

(b) Notwithstanding any provision to the contrary in any specific license issued by an Agreement State to a person engaging in activities in a non-Agreement State, in an area of exclusive Federal jurisdiction within an Agreement State, or in offshore waters under the general licenses provided in this section, the general licenses provided in this section are subject to all the provisions of the Act, now or hereafter in effect, and to all applicable rules, regulations, and orders of the Commission including the provisions of §§30.7 (a) through (f), 30.9, 30.10, 30.14(d), 30.34, 30.41, and 30.51 to 30.63, inclusive, of part 30 of this chapter; §§40.7 (a) through (f), 40.9, 40.10, 40.41, 40.51, 40.61, 40.63 inclusive, 40.71 and 40.81 of part 40 of this chapter; §§70.7 (a) through (f), 70.9, 70.10, 70.32, 70.42, 70.51 to 70.56, inclusive, 70.60 to 70.62, inclusive, and to the provisions of 10 CFR parts 19, 20 and 71 and subpart B of part 34, §§39.15 and 39.31 through 39.77, inclusive, of part 39 of this chapter. In addition, any person engaging in activities in non-Agreement States, in areas of exclusive Federal jurisdiction within Agreement States, or in offshore waters under the general licenses provided in this section:

(1) Except as specified in paragraph (c) of this section, shall, at least 3 days before engaging in each activity for the first time in a calendar year, file a submittal containing an NRC Form 241, "Report of Proposed Activities in Non-Agreement States," areas of Federal jurisdiction or off-shore waters," 4 copies of its Agreement State specific license, and the appropriate fee as prescribed in §170.31 of this chapter with the Regional Administrator of the U.S. Nuclear Regulatory Commission Regional Office listed on the NRC Form 241 and in Appendix D of Part 20 of this chapter for the Region in which the Agreement State that issued the license is located. If a submittal cannot be filed 3 days before engaging in activities under reciprocity, because of an emergency or other reason, the Regional Administrator may waive the 3-day time requirement provided the licensee: (i) Informs the Region by telephone, facsimile, an NRC Form 241, or a letter of initial activities or revisions to the information submitted on the initial NRC Form 241; (ii) Receives oral or written authorization for the activity from the Region; and (iii) Within 3 days after the notification, files an NRC Form 241, 4 copies of the Agreement State license, and the fee payment.

(2) Shall file an amended NRC Form 241 or letter and the appropriate fee as prescribed in §170.31 of this chapter with the Regional Administrator to request approval for changes in work locations, radioactive material, or work activities different from the information contained on the initial NRC Form 241.

(3) Shall not, in any non-Agreement State, in an area of exclusive Federal jurisdiction within an Agreement State, or in offshore waters, transfer or dispose of radioactive material possessed or used under the general licenses provided in this section, except by transfer to a person who is (i) Specifically licensed by the Commission to receive this material; or (ii) Exempt from the requirements for a license for material under §30.14 of this chapter.

(4) Shall not, under the general license concerning activities in non-Agreement States or in areas of exclusive Federal jurisdiction within Agreement States, possess or use radioactive materials, or engage in the activities authorized in paragraph (a) of this section, for more than 180 days in any calendar year, except that the general license in paragraph (a) of this section concerning activities in offshore waters authorizes that person to possess or use radioactive materials, or engage in the activities authorized, for an unlimited period of time.

(5) Shall comply with all terms and conditions of the specific license issued by an Agreement State except such terms or conditions as are contrary to the requirements of this section.

(c) A person engaging in activities in offshore waters under the general license provided for that purpose in paragraph (a) of this section need not file a Form NRC - 241 (revised) with the Commission under paragraph (b)(1) of this section, provided, that:

(1) At least 3 days before engaging in each such activity the person notifies the Agreement State that issued the specific license about the activity, including in the notification (i) a description of the activity, (ii) the location, (iii) the dates scheduled, (iv) a list of the sealed sources, or devices containing sealed sources, which will be possessed, used, installed, serviced, or tested, and (v) a description of the type and quantity of radioactive material contained in each sealed source or device; and

(2) The Agreement State that issued the specific license is listed in paragraph (d) of this section as having entered into an agreement to perform inspections and other functions for the Commission.

(d) The following Agreement State has entered into an agreement to perform inspections and other functions for the Commission: Louisiana.

[35 FR 7725, May 20, 1970, as amended at 38 FR 1273, Jan. 11, 1973; 46 FR 44152, Sept. 3, 1981; 46 FR 50781, Oct. 15, 1981; 52 FR 41700, Oct. 30, 1987; 55 FR 10406, Mar. 21, 1990; 56 FR 54779, Oct. 23, 1991; 58 FR 52414, Oct. 8, 1993; 62 FR 1665, Jan. 13, 1997; 62 FR 28973, May 28 1997]



B2994

[Handwritten signature]

AEA Technology
QSA Inc.
40 North Avenue
Burlington, MA 01803
Telephone (781) 272-2000
Telephone (800) 815-1383
Facsimile (781) 273-2216

Source Certificate

Radioisotope: Iridium-192

Source Model: 424-9

ISO/ANSI Classification: 77C63535

Source Serial: 03172B

IAEA Special Form Reference Number: USA/0335/S

MEASURED EQUIVALENT ACTIVITY 113.9 Curies (4.21TBq) on 01/17/2002

SOURCE PHYSICAL SIZE:

Diameter: 0.118 in. 3.0 mm
Length: 0.090 in. 2.3 mm
Diagonal: 0.148 in. 3.8 mm

QUALITY CONTROL TESTS

Wipe Test A: <0.00045 uCi.
Vacuum Bubble Test: Satisfactory
Tensile Test: Satisfactory
Wipe Test B: <0.00045 uCi. 01/17/2002
Technician: *[Signature]*

Date	Activity (Curies)	Date	Activity (Curies)	Date	Activity (Curies)
01/17/2002	113.9	05/02/2002	42.6	08/15/2002	15.9
01/24/2002	106.7	05/09/2002	39.9	08/22/2002	14.9
01/31/2002	99.9	05/16/2002	37.3	08/29/2002	13.9
02/07/2002	93.5	05/23/2002	35.0	09/05/2002	13.1
02/14/2002	87.6	05/30/2002	32.7	09/12/2002	12.2
02/21/2002	82.0	06/06/2002	30.7	09/19/2002	11.5
02/28/2002	76.8	06/13/2002	28.7	09/26/2002	10.7
03/07/2002	71.9	06/20/2002	26.9	10/03/2002	10.0
03/14/2002	67.4	06/27/2002	25.2	10/10/2002	9.4
03/21/2002	63.1	07/04/2002	23.6	10/17/2002	8.8
03/28/2002	59.1	07/11/2002	22.1	10/24/2002	8.2
04/04/2002	55.3	07/18/2002	20.7	10/31/2002	7.7
04/11/2002	51.8	07/25/2002	19.4	11/07/2002	7.2
04/18/2002	48.5	08/01/2002	18.1	11/14/2002	6.8
04/25/2002	45.4	08/08/2002	17.0	11/21/2002	6.3

Tbq 1.6798

Georgia Department of Natural Resources

4244 International Parkway, Suite 114, Atlanta, Georgia 30354
Lonice C. Barrett, Commissioner
Harold F. Rehels, Director
Environmental Protection Division
404/362-2675

RADIOACTIVE MATERIALS PROGRAM GEORGIA RADIOACTIVE MATERIALS LICENSE

Pursuant to the Georgia Radiation Control Act O.C.G.A. 31-13 (H.B. 947) 1990 and the Georgia Department of Natural Resources Rules and Regulations, designated Chapter 391-3-17, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess, and use the radioactive material(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 and regulations of the Georgia Department of Natural Resources and orders issued by the Department, now or hereafter in effect, and to any condition specified below.

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License (1. Name and 2. Address)

Applied Technical Services, Inc.
1190 Atlanta Industrial Drive
Marietta, GA. 30066

3. In accordance with letter dated June 22, 2000,
License Number GA. 896-1 is amended in its
entirety to read as follows:

4. **Expiration Date:** October 31, 2003

5. **Telephone Number:** 770 423-1400
Facsimile Number: 770 514-3299

6. RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME
A. Iridium 192	A. Sealed Source (Amersham-Gamma Industries Model A-2-A)	A. No single source to exceed 100 curies
B. Iridium 192	B. Sealed Source (Amersham Tech/Ops Model A58101-8)	B. No single source to exceed 200 curies
C. Iridium 192	C. Sealed Source (Amersham Gamma Industries Model GP)	C. No single source to exceed 100 curies
D. Iridium 192	D. Sealed Source (Amersham -Tech/Ops Model A424-9)	D. No single source to exceed 100 curies
E. Cobalt 60	E. Sealed Source (Amersham-Tech/Ops Model A424-14)	E. No single source to exceed 100 curies

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6.	RADIOACTIVE MATERIAL (ELEMENT AND MASS NUMBER)	7.	CHEMICAL AND/OR PHYSICAL FORM	8.	MAXIMUM QUANTITY LICENSEE MAY POSSESS AT ANY ONE TIME
F.	Cobalt 60	F.	Sealed Source (Amersham-Gamma Industries A-8-A)	F.	No single source to exceed 100 curies
G.	Iridium 192	G.	Sealed Source (SPEC Model T-5)	G.	No single source to exceed 100 curies
H.	Iridium 192	H.	Sealed Source (SPEC models G-1, G-1F, or G-3F)	H.	No single source to exceed 200 curies
I.	Iridium 192	I.	Sealed Source (SPEC Models G-1F or G-3F)	I.	No single source to exceed 100 curies
J.	Iridium 192	J.	Sealed Source (INC Model 7)	J.	No single source to exceed 100 curies
K.	Iridium 192	K.	Sealed Source (INC Model 32 or 33)	K.	No single source to exceed 100 curies
L.	Iridium 192	L.	Sealed Source (Amersham Model 899-11)	L.	No single source to exceed 100 curies
M.	Cesium 137	M.	Sealed Source (Amersham-Tech/Ops Model 77302)	M.	No single source to exceed 165 millicuries
N.	Iridium 192	N.	Sealed Source (CIS-US, Inc. Model 702)	N.	No single source to exceed 100 millicuries

9. AUTHORIZED USE

- A. To be used in an Amersham-Gamma Industries Model Century S exposure device (with appropriately fitted controls and long protector cap on lock box) for industrial radiography and in Amersham-Gamma Industries Model C-10 source changer for storage and replacement of sources.
- B. To be used in an Amersham-Tech/Ops Inc. Model 616 exposure device for industrial radiography.
- C. To be used in an Amersham-Gamma Industries Model Pipeliner 1 exposure device for industrial radiography.

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- D. To be used in an Amersham-Tech/Ops Model 660, 660A, or 660B exposure device for industrial radiography and in an Amersham-Tech/Ops Model 650 source changer for storage and replacement of sources.
- E. To be used in an Amersham-Tech/Ops Model 680, 680A, or 680B exposure device for industrial radiography and in Amersham-Tech/Ops Model 488 or 771 source changer for storage and replacement of sources.
- F. To be used in an Amersham-Gamma Industries Model 100A exposure device for industrial radiography and in an Amersham-Gamma Industries model C-8 source changer for storage and replacement of sources.
- G. To be used in an Amersham-Tech/Ops, Inc. Model 660 exposure device for industrial radiography and in a Source Production and Equipment Company Model C-1 source exchanger for storage and replacement of sources.
- H. To be used in a Source Production and Equipment Company Model 2T exposure device for industrial radiography and in a Source Production and Equipment Company Model C-1 source changer for storage and replacement of sources.
- I. To be used in an Amersham-Gamma Industries Model Century S exposure device for industrial radiography and in a Source Production and Equipment Company Model C-1 storage and replacement of sources.
- J. To be used in an Amersham-Tech/Ops Model 660 exposure device for industrial radiography and in an Industrial Nuclear Model IR-50 source exchanger for storage and replacement of sources.
- K. To be used in an Industrial Nuclear Model IR-100 exposure device for industrial radiography and in an Industrial Nuclear Model IR-50 source exchanger for storage and replacement of sources.
- L. To be used in an Amersham-Gamma Industries model Century S exposure device for industrial radiography and in Amersham Models C-10, U-110, or 500-SU source exchanger for storage and replacement of sources.
- M. For use in an Amersham Tech/Ops Model 773 survey meter calibration unit for calibration of survey instruments.
- N. For use in an Amersham Model 660A, 660B, exposure device for industrial radiography and in an IR-50 source changer for exchange and storage.

CONDITIONS

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- 10. Radioactive material shall be stored at 1190 Atlanta Industrial Drive, Building II, Marietta, Georgia, 3105 B-3 Spring Grove Drive, Augusta, Georgia 30906 or at 5578C Export Blvd, Garden City, Georgia 31408. Radioactive material may be used and stored at temporary job sites of the licensee anywhere in the State of Georgia. This condition does not prohibit use in other Agreement States and States under the jurisdiction

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of the U.S. Nuclear Regulatory Commission under reciprocity procedures which may be established by an Agreement State or the U.S. Nuclear Regulatory Commission.

11. The licensee shall comply with the provisions of Georgia Department of Natural Resources Rule 391-3-17-.03, "Standards for Protection Against Radiation, Amended." Rule 391-3-17-.04, "Special Radiation Safety Requirements for Industrial Radiographic Operations, Amended", Rule 391-3-17-.06, "Transportation of Radioactive Material, Amended.", and Rule 391-3-17-.07, "Notices, Instructions and Reports to Workers: Inspections, Amended."
12. In accordance with DNR Board Policy adopted May 27, 1992, the fees associated with this license, fee category C.3, are:

Application Fee	\$3000	Renewal Fee	\$1800
Amendment Fee	\$ 490	Routine Inspection Fee	\$1200
Non-routine Inspection Fee	\$2500	Annual Fee	\$2600

Checks for the fees should be made payable to the Department of Natural Resources, Radioactive Materials Program, and mailed to the following address:

Radioactive Materials Fees
P.O. Box 101161
Atlanta, Georgia 30392

Mail license applications, amendment, and renewal requests the same day as the check to the following address:

Radioactive Materials Program
4244 International Parkway, Suite 114
Atlanta, Georgia 30354

Inspection fees are payable upon receipt of each invoice from the Department following inspections. Annual fees are billed by the Department at the beginning of each fiscal year.

13. The Radiation Safety Officer in this program shall be Gene Mock.
14. A. Gene Mock, Scott Powell, R Leimenstoll, Greg Cox, Steve Hiemstra, Brad McCash, Jason Marrs, Robert Harwell, Kenneth Vaughn, Kevin Harris, Mark Bottoms, Don Weeks, Jim Hills, Fred Williams, Kevin Floyd, Harold Bailey, Pat Burns, Jim Graviano Jr., Chris Carter, Mike Dally, Tom Fitzgerald, Kelly Fortney, Neal Fritz, Terry Hall, Gordon Livermore, Alan Poling, Robert Stafford, or Chris Vorwald are the only persons authorized by this license to act as radiographer's instructors as defined in Rule 391-3-17-.04(2)(l).
- B. Only those persons who have satisfactorily completed Applied Technical Services, Inc.'s training program as described in procedure manual received with application dated October 12, 1998 and have met the requirements outlined in Rule 391-3-17-.04(6)(a)2. and 1. shall be authorized by this license to act as radiographers and radiographer trainees as defined in 391-3-17-.04(2)(k) and (m) respectively. The licensee shall maintain records of individuals who have completed the training program.

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15. All records or copies of records pertaining to Radioactive Material License GA. 896-1 shall be maintained by the Radiation Safety Office at the address below:

Applied Technical Services, Inc.
1190 Atlanta Industrial Drive,
Atlanta, Georgia 30066.
16. All radiographic exposure devices and associated equipment used after January 10, 1996, shall comply with the requirements of 391-3-17-.04(4). the licensee shall maintain records to verify compliance with the Department regulations.
17. Pursuant to Rule 391-3-17-.02, "Licensing of Radioactive Material," the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of depleted uranium contained as shielding material in the radiography exposure devices and source changers authorized by this license.
18. Except for maintaining labeling as required by 391-3-17-.03, the licensee shall obtain authorization from the Department before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the Sealed Source Registry issued either by the Department, an Agreement State or, the Nuclear Regulatory Commission.
19. Sealed sources containing radioactive material shall not be opened by the licensee.
20. The Radiation Safety Officer or other radiographic personnel designated by him are authorized to change sealed sources described in Items 6, 7, and 8 of this license using instructions of the distributor of the source changer.
21. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 or cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in Item 8 of this license provided:
 - A. Such possession does not exceed the quantity per source specified in Item 8 by more than 20% for iridium-192 or 10% for cobalt-60;
 - B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in Item 8 of the license was ordered from the supplier or transferor of the radioactive material; and
 - C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in Rule 391-3-17-.04(5).
22. 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 Rule 391-3-17.02(8)(g) for establishing financial assurance and record keeping for decommissioning.
23. The licensee shall conduct a quarterly physical inventory in accordance with the requirements of Rule 391-3-17-.04(5)(f).

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24. The licensee shall not transfer possession and/or control of materials or products containing radioactive material as a contaminant except:
- A. By transfer of waste to an authorized recipient;
 - B. By transfer to a specifically licensed recipient; or
 - C. As provided otherwise by a specific condition of this license pursuant to the requirements of (12) of Rule 391-3-17-.03.
25. A. The licensee shall perform required tests for leakage or contamination at intervals not to exceed six (6) months in accordance with Rule 391-3-17-.04(5)(e).
- B. Sealed sources authorized for use other than radiography shall be tested in accordance with Rule 391-3-17-.03(6).
- C. The Radiation Safety Officer or other radiographic personnel designated by him are authorized to collect wipe test samples of sealed sources possessed under this license using leak test kits furnished by persons authorized by a license to perform that service.
26. Radiographer I. D. Cards which have been issued by the Department, an Agreement State, the Nuclear Regulatory Commission, ASNT, or any other certifying entity shall be available at each job site. A copy of the I. D. Card shall be maintained on file for Department inspection.
27. The licensee shall inform the Department within three (3) days of work to be performed at temporary job sites within the State of Georgia. If the licensee was not given three (3) days notice for a particular job site the licensee shall provide notification to the Department prior to starting work at the site. The information required in the notification is: the location of the job site; the employing company; a point of contact for the employing company; the dates of the job; and the starting and ending times on the job site.
28. The shielding for the shooting cell located at 190 Atlanta Industrial Drive, Marietta, Georgia 30066 has been approved for a maximum of 95 Ci of Iridium 192 in accordance with Department approval dated 12/11/85.
29. Notwithstanding the requirements of Rule 391-3-17-.04(6)(c), the licensee may use any individual monitoring devices which can be evaluated by a processor accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

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30. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with statements, representations, and procedures contained in the documents, including any enclosures, listed below:

A. Application dated October 12, 1998 and signed by Gene Mock, Radiation Safety Officer; and

B. Letter dated June 22, 2000, and signed by Jim J. Hills, Manager, NDT.

The Georgia Department of Natural Resources' regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

FOR THE DEPARTMENT OF NATURAL RESOURCES

Date: July 5, 2000

BY

Jim J. Hills