NRC FORM 241 7-1999)	U.S. NUCLEAR REGU	LATORY	COMMISSI	ON	APPROVED BY C Estimated burden request: 15 minu	per response	to comptification	EXPIRES: 07/31/2002 ply with this mandatory collection in is required so that NRC may ensure that they are conducted in	
I					APPROVED BY OMB: NO. 3150-0013 Expirated 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 E5), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to bis1@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 fir	rm proposing to conduct the activities des	cribed below	v)			2. TY	PE OF I	REPORT	
Law Engineering and Environmental Services, Inc					. XX INITIAL REVISION CLARIFICATION				
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 4017 Augusta Rd, Suite L Savannah, Ga. 31408					4. LICENSEE CONTACT AND TITLE Mike Gress - RSO				
					5. TELEPHONE NU (Include Area Co. 912-966-24	477		FACSIMILE NUMBER (Include Area Coda) 912-966-1412	
7. /	ACTIVITIES TO BE CONDUCT	ED UNDE	R THE GE	NERA				,	
WELL LOGGING	LEAK TESTING	AND/OR (CALIBRATI	ONS	TEL	ETHERAPY	/IRRAD	DIATOR SERVICE	
PORTABLE GAUGE									
XX RADIOGRAPHY	⇒ REGISTAT 9 28 3 7 B C	(7) <u>-</u> 85°	G (CERTIFICAT	res of	COMPLIANCE NUM	BERS)	-		
8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE IHP Industrial P.O.Box 578 1701 South 8th Street St. Josephs, Mi 64501			9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) Beaufort Marine Corp Air Station Beaufort, SC Fuel Depot						
St. Oosephas			(include :	Area Co	HONE NUMBER 1581	(Inc	lude Area	14-4518	
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10-15-02	10-15-02	*							
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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.) I ridium 192, sealed source (AEA Technology, model 424-9) Less than 100ci, 3710GBq Sentinel 660B Device									
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4244 International Parkway, Suite 114, Atlanta, Georgia 30354 Lonice C. Barrett, Commissioner Harold F. Reheis, 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.

Page 1 of 5 Pages License Number GA 952-1 Amendment Number 9

CORRECTED COPY In accordance with letter dated October 31. 3. (1, Name and 2, Address) License 2001. License Number GA 952-1 is amended in its entirety to read as follows: Law Engineering and Environmental Services, Inc. October 31, 2003 4 **Expiration Date:** 4017 Augusta Road, Suite L Savannah, Georgia 31408 **Telephone Number:** 5. (912)966-2477 **Facsimile Number:** (912)966-1412 MAXIMUM QUANTITY **RADIOACTIVE** 7. CHEMICAL AND/OR 8. 6. LICENSEE MAY PHYSICAL FORM MATERIAL POSSESS AT ANY ONE (ELEMENT AND TIME MASS NUMBER) No single source to Sealed Source Α. Α. Iridium 192 Α. exceed 100 curies (Amersham Model A424-9, Industrial Nuclear Model 7, or Source Production and Equipment Models T5or T-5F)

9. AUTHORIZED USE

A. For use in an Amersham (Sentinel) Model 660 System exposure device for industrial radiography; and in an Amersham Model 650L, INC Model IR50, or Source Production and Equipment Model C1 source changer for storage and replacement of sources.

Radioactive Materials License
Supplementary Sheet

Page 2 of 5 Pages License Number GA 952-1 Amendment Number 9 CORRECTED COPY

CONDITIONS

- 10. Radioactive material may be stored at the licensee's address listed in Item 2 above. Radioactive material may be used only 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 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.
- 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 Inspectio	n Fee \$2	500 Annual Fee	\$2600

Checks for the fees should be made payable to the <u>Department of Natural Resources</u>, <u>Radioactive Materials Program</u>, 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 6555 Abercorn Street, Suite 130 Savannah, Georgia 31405

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.

Radioactive Materials License Supplementary Sheet

> Page 3 of 5 Pages License Number GA 952-1 Amendment Number 9 CORRECTED COPY

CONDITIONS (continued)

- 13. The Radiation Safety Officer in this program shall be Michael J. Gress.
- 14. A. The individuals listed below are the only persons authorized by this license to act as radiographer's instructors as defined in Rule 391-3-17-.04(2)(I).

Michael Gress Daniel Middleton Paul Mullins Dudley Jacobs Mark DeSimas

- B. Only those persons who have satisfactorily completed Law Engineering and Environmental Service's training program as described in procedural manual entitled, "Radiation Safety Training Manual" received with application dated February 27, 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.
- 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.
- 16. 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.
- 17. 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.
- 18. Sealed sources containing radioactive material shall not be opened by the licensee.
- 19. 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.

Radioactive Materials License Supplementary Sheet

> Page 4 of 5 Pages License Number GA 952-1 Amendment Number 9 CORRECTED COPY

CONDITIONS (continued)

- 20. 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). Analysis of the tests shall be performed by or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services.
- 21. The licensee shall conduct a quarterly physical inventory in accordance with the requirements of Rule 391-3-17-.04(5)(f).
- 22. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 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;
 - 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).
- 23. 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.
- 24. 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.

Radioactive Materials License Supplementary Sheet

Page 5 of 5 Pages License Number GA 952-1 Amendment Number 9 CORRECTED COPY

CONDITIONS (continued)

- 25. 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).
- 26. 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 February 27, 1998 and signed by John M. Oliver, Savannah Office Manager.
 - B. Letters dated May 27, 1998 and October 9, 1998 both signed by Michael J. Gress, Radiation Safety Officer.
 - C. Letters dated December 31, 1998 and January 16, 1999 both signed by Michael J. Gress, Radiation Safety Officer.
 - D. Letter dated April 5, 2001, and signed by Michael J. Gress, Radiation Safety Officer.
 - E. Letter dated October 31, 2001, and signed by Michael J. Gress, Radiation Safety Officer.

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

BY Efichth d. Wenner

Date ____April 17, 2002