

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 (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.

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) LAW ENGINEERING & ENVIRONMENTAL SERVICES	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION
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3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 7347-E WEST FRIENDLY AVENUE GREENSBORO, NC 27410	4. LICENSEE CONTACT AND TITLE MARK A. BOGER, RSO
5. TELEPHONE NUMBER (Include Area Code) (336) 294-4221	6. FACSIMILE NUMBER (Include Area Code) (336) 294-4227

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)
9033

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE BUNCHER RAIL CAR SERVICE PO BOX 3247 LYNCHBURG, VA 24503 SEE ADDITIONAL LISTING OF POSSIBLE WORK LOCATIONS ATTACHED	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION SAME (Street and Number or other location. Give as complete an address or directions as possible.) SEE ADDITIONAL LISTING OF POSSIBLE WORK LOCATIONS, ATTACHED
10. CLIENT TELEPHONE NUMBER (Include Area Code) (804) 284-6200	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) SAME

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM 1/29/01 TO 12/30/01	APPROX 1 DAY PER MONTH			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.)

IR-192 SEALED SOURCE, AM. MOD. A4249, AM. MOD. 660B, 140 CI. MAX.

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 041-0082-8	STATE NC	EXPIRATION DATE 2/28/2004
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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 (Name and Title) MARK A. BOGER, RSO	SIGNATURE 	DATE 1/26/01
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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.

Carbone of America Emer Ferhavowitch	540 Branch Drive Salem, VA 24153 (540)389-7555
Southwestern Virginia Gas Allen Cobler	208 Lester Street Martinsville, VA 24112 (540) 632-5662
Amthor International, Inc. Mr. B. Amthor	237 Industrial Drive Gretna, VA 24557 (804) 656-6233
Capitol Boiler Works Steve Minks	707 Kessler Mill Road Salem, VA 24153 (540) 389-8770
Carolina Steel Fabricators, Inc. Dennis Mills	15083 Industrial Park Road Bristol, VA 24201 (540) 669-6649
Fl. Daniels Co-Gen Facility Stan Crews	204 Cogen Road Clarksville, VA (336) 599-1930
Exxon Company, U.S.A. Donald R. Martin	835 Hollins Road, NE Roanoke, VA 24012 (540) 982-3515
Hirshfield Steel Alan Stanley	Lynchburg, VA (804) 239-5650
Marathon Oil Company Bob Carle	5287 Terminal Road Roanoke VA 24014 (540) 989-6673
Pope Air Force Base	Fayetteville, NC
Buncher Rail Car Service Leon Crist	494 Stokes Drive Hinton, WV 25951 (304) 466-5957
Roanoke Cement Paraschos Charaambidis	PO Box 27 Cloverdale, VA 24077 (540) 966-1516
Shell Tommy Turner	Terminal Road Roanoke, VA 24014 (540) 774-4492
Westvaco Corporation Gregory W. Cox	104 East Riverside Drive Covington, VA 24426 (540)969-5482

**RADIOACTIVE MATERIALS SECTION
DIVISION OF RADIATION PROTECTION
N.C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RADIOACTIVE MATERIALS LICENSE**

Pursuant to North Carolina Regulations for Protection Against Radiation and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import radioactive materials listed below; and use such radioactive material for the purpose(s) and at the place(s) designated below. This License is subject to all applicable rules and regulations of the North Carolina Department of Environment, Health, and Natural Resources now or hereafter in effect and to any conditions specified below.

Licensee			
1.	Name:	Law Engineering & Environmental Services, Inc.	3. License No.: 041-0082-8
2a.	Mailing Address:	7347-J West Friendly Avenue Greensboro, NC 27410	4. Expiration Date: February 28, 2004
b.	Physical Address:	7347-J West Friendly Avenue Greensboro, NC 27410	AMENDS IN ITS ENTIRETY
		5. Amendment No.: 12	
6.	Radioactive Material (element and mass no.)	7. Chemical and/or Physical Form	8. Maximum Amount of Radioactivity and/or Quantity of Radioactive Material which Licensee may Possess at any one time
A.	Iridium-192	A. Sealed Source (Amersham Model A4249)	A. No single source to exceed 100 curies
B.	Iridium-192	B. Sealed Source (Amersham Model A4249)	B. No single source to exceed 140 curies
9. Authorized Use:			
A. To be used in an Amertest Model 660A camera for use in industrial radiography and an Amersham Industries Model 650L source changer for source exchange and storage.			
B. To be used in an Amertest Model 660B camera for use in industrial radiography and an Amersham Industries Model 650L source changer for exchange and storage.			

CONDITIONS

10. A. The authorized place of use is the licensee's address stated in Item 2 above.
- B. Radioactive material may also be used at temporary jobsites of the licensee anywhere in North Carolina. The North Carolina Radiation Protection Section shall be notified of the location(s) of such use no later than three (3) days prior to the first day of use. This condition does not prohibit use in the United States where the United States Nuclear Regulatory Commission maintains jurisdiction for regulating the use of radioactive material, nor in Agreement States under reciprocity procedures which may be established by the Nuclear Regulatory Commission and/or the respective Agreement States. If for a specific case the three-day period would impose an undue hardship on the licensee, he may upon application to the Agency obtain permission to proceed sooner.
- C. Radioactive material may be stored at the U.S. Industrial Piping, Inc., facility located at 105 Woodland Trail, Kernersville, N.C., jobsite trailer and at temporary jobsites.
11. The licensee shall comply with provisions of 15A NCAC 11 .1600, "Standards for Protection Against Radiation," 15A NCAC 11 .0500, "Safety Requirements for Industrial Radiography Operations," and 15A NCAC 11 .1000, "Notices, Instructions, Reports and Inspections." (The North Carolina Regulations for Protection Against Radiation are contained in 15A NCAC 11.)

**RADIOACTIVE MATERIALS SECTION
DIVISION OF RADIATION PROTECTION
N.C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RADIOACTIVE MATERIALS LICENSE**

Supplementary Sheet

CONDITIONS (continued):

2. A. Radioactive material shall only be used by Mark A. Boger or other persons who have met or exceeded the training requirements stated in the Law Engineering Manual Training Section and who have been tested by the Radiation Safety Officer.
- B. The Radiation Safety Officer for the activities authorized by this license is Mark A. Boger.
3. In lieu of the control device requirements in 15A NCAC 11 .1615(a), the entrance of the high radiation area must be under continuous surveillance of a radiographer or radiographer's assistant and/or locked, so as to make the area inaccessible at all times when a radiation level exists therein which could cause an individual to receive a dose in excess of 100 millirem in one hour.
4. 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 15A NCAC 11 .0503.
15. The licensee is authorized to possess, use and transfer up to 1000 pounds of Uranium contained as shielding material in the radiography exposure devices authorized by this license.
16. The licensee shall conduct a program for inspection and maintenance of radiography exposure devices and storage containers to assure proper functioning of components important to safety. The inspection and maintenance program shall be conducted at intervals not to exceed three (3) months. Records of the results shall be maintained for inspection by the Agency.
17. Pursuant to 15A NCAC 11 .0507, the licensee is authorized to perform tests for leakage or contamination of the sealed sources authorized by this license, or tests may be performed by other persons specifically authorized by this Agency to perform such services.
18. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7 and 8 of this license in accordance with statements, representations and procedures contained in:

Date of Issuance: May 06, 1999


For: Richard M. Fry, CHP
Director, Division of Radiation Protection

