

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 <i>(Person or firm proposing to conduct the activities described below)</i> Engineering & Inspections Unlimited, Inc.	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION
3. ADDRESS OF LICENSEE <i>(Mailing address or other location where licensee may be located)</i> 5455 North Federal Highway Suite I Boca Raton, FL 33487	4. LICENSEE CONTACT AND TITLE Lynn D. Shepard, RSO
	5. TELEPHONE NUMBER <i>(Include Area Code)</i> (561) 241-0303
	6. FACSIMILE NUMBER <i>(Include Area Code)</i> (561) 241-0349

**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  PLEASE SEE ATTACHMENT FOR ANSWERS TO ITEMS 8, 9, 10, 11, 12, and 13.	9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION <i>(Street and Number or other location. Give as complete an address or directions as possible.)</i>  I.
	10. CLIENT TELEPHONE NUMBER <i>(Include Area Code)</i> _____
	11. WORK LOCATION TELEPHONE NUMBER <i>(Include Area Code)</i> _____

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				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 (100 curies or less)  
 Sealed Source AEA Technology QSA Model A424-9 for use in exposure device AEA Technology QSA Model 660 Radiographic Exposure Device

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 1112-1	STATE FL	EXPIRATION DATE 3/31/05
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**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 - RSO or Management Representative <i>(Name and Title)</i> Lynn D. Shepard, RSO	SIGNATURE 	DATE 5/02/02
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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.**

<b>FOR NRC USE ONLY</b>	REVIEWING OFFICIAL <i>(Typed/Printed Name and Title)</i>	SIGNATURE	DATE	TOTAL USAGE -- DAYS TO DATE
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ATTACHMENT 1

- ITEM 8      **Client name, address, city/country, state, zip code**  
Island Mechanical Contractors  
91-039 Hanua Street  
Kapolei, HI 96707  
USA
- ITEM 9      **Actual physical address of work location**  
Chevron Port Allen Terminal  
A & B Road  
Eleele, HI 96710  
USA
- ITEM 10     **Client telephone number**  
(808) 682-5353
- ITEM 11     **Work location telephone number**  
(808) 227-3006
- ITEM 12     **Dates Scheduled**  
5/5/02 to 5/17/02
- ITEM13      **Number of work days**  
3 – 10 days

## ATTACHMENT 2

- ITEM 8      **Client name, address, city/country, state, zip code**  
Hawaiian Dredging & Construction  
614 Kapahula Ave  
Honolulu, HI 96812  
USA
- ITEM 9      **Actual physical address of work location**  
Pearl Harbor (HDCC) Upper Tank Farm  
Pass Building 550  
Pearl Harbor, HI 96860  
USA
- ITEM 10     **Client telephone number**  
(808) 423-6519
- ITEM 11     **Work location telephone number**  
(808) 479-3229
- ITEM 12     **Dates Scheduled**  
5/7/02 to 5/24/02
- ITEM13      **Number of work days**  
3 – 5 days

**STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
BUREAU OF RADIATION CONTROL**

**RADIOACTIVE MATERIALS LICENSE**

Pursuant to Chapter 404, Florida Statutes, and Chapter 64E-5, Florida Administrative Code (F.A.C.), and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to receive, acquire, possess and transfer the radioactive material(s) designated below and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the state of Florida, Department of Health now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Name: <b>ENGINEERING &amp; INSPECTIONS UNLIMITED, INC.</b></p>	<p>3. License Number: <b>1112-1</b> is hereby renewed in its entirety, with reference to application dated March 27, 1998.</p>
<p>2. Address: <b>5455 N. Federal Highway, Suite 1 Boca Raton, FL 33487</b></p>	<p>4. Expiration Date: <b>3/31/2005</b></p> <p>5. Category: <b>3D</b></p>

6.	Radioactive Material (element and mass no.)	7.	Chemical and/or Physical Form	8.	Maximum Quantity Licensee May Possess at Any One Time
A.	Cesium 137	A.	Sealed source (Amersham Corp. Model 72602)	A.	1 source not to exceed 100 millicuries
B.	Cesium 137	B.	Sealed source (Amersham Corp. Model 77302)	B.	1 source not to exceed 165 millicuries
C.	Cobalt 60	C.	Sealed source (AEA Technology QSA Model A424-14)	C.	2 sources; not to exceed 100 curies each
D.	Iridium 192	D.	Sealed source (AEA Technology QSA Model A424-9)	D.	4 sources; not to exceed 100 curies each
E.	Iridium 192	E.	Sealed source (Amersham Corp. Model A-2-A)	E.	1 source not to exceed 100 curies
F.	Iridium 192	F.	Sealed source (Amersham Corp. Model 89912)	F.	1 source not to exceed 100 curies

License No.: 1112-1	<b>LICENSEE COPY</b>	Category: <b>[3D]</b>
Amendment No.: 18	Page 1 of 4 Page(s)	Expiration Date: 3/31/2005
Control No.: 980331-0360		

**STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
BUREAU OF RADIATION CONTROL**

**9. Authorized Use**

- A. For storage only in an Amersham Corp./Technical Operations Model 726 instrument calibrator.
- B. For storage only in an Amersham Corp./Technical Operations Model 773 instrument calibrator.
- C. For use in AEA Technology QSA (formerly Amersham Corp.) Model 680 A, 680 AE, 680 B or 680 BE radiographic exposure devices for industrial radiography, and in AEA Technology QSA Model 770 or 771 source changers for source exchanges and storage.
- D. For use in AEA Technology QSA Model 660 B, 660 BE or 660 System radiographic exposure devices for industrial radiography, and in AEA Technology QSA Model 650L source changers for source exchanges and storage.
- E and F. For storage only in Amersham Corp./Gamma Industries Model Century SA radiographic exposure devices (one source per camera).

**CONDITIONS**

- 10.
  - A. The authorized places of use are at temporary job sites of the licensee throughout the state of Florida. This condition does not prohibit use in other agreement states and states under the jurisdiction of the U.S. Nuclear Regulatory Commission (NRC) under reciprocity, which has been approved by an agreement state or the NRC.
  - B. The authorized places of storage are the licensee's facility located at 5455 North Federal Highway, Storage Rooms 5 and 6, Boca Raton, Florida 33487, and at temporary job sites.
- 11. Failure to comply with the provisions of this license is a felony of the third degree pursuant to section 404.161, Florida Statutes. Also, violations may warrant an administrative fine of up to \$1,000.00 per violation per day, pursuant to section 404.162, Florida Statutes.
- 12.
  - A. Licensed material shall only be used by radiographers or radiographer's assistants that have successfully completed the training program described in the licensee's application dated 3/27/98, and in correspondence listed in Condition 21. Records of all training shall be available for inspection by the department.
  - B. The radiation safety officer is Lynn D. Shepard.
- 13. The licensee shall comply with the provisions of Chapter 64E-5, F.A.C., Part IX, "Notices, Instructions and Reports to Workers; Inspections" and Part III, "Standards for Protection Against Radiation."
- 14. The licensee shall not transfer possession or control of radioactive material, or products containing radioactive material as a contaminant except:
  - A. By transfer to a specifically licensed recipient; or

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14. B. As provided otherwise by specific provision of this license pursuant to the requirements of Chapter 64E-5, F.A.C.
15. Radioactive material transported on public thoroughfares shall be packaged, prepared for shipment and transported in accordance with Title 49, Code of Federal Regulations and Chapter 64E-5, F.A.C.
16. Sealed sources containing licensed material shall not be opened.
17. The licensee shall conduct a physical inventory and inspection at least quarterly to account for all sealed sources received and possessed under this license as required by sections 64E-5.407 and 64E-5.1304, F.A.C. Inventory records shall be maintained for 3 years from the date of the inventory for inspection by the department, and shall include the manufacturer's name, model and serial numbers of each sealed source, the identity of each sealed source radionuclide and its estimated activity, the location of each sealed source, the date of the inventory, and the signature of the radiation safety officer or designee.
18. The licensee shall assure that each sealed source is tested for leakage or contamination at least semiannually and follow the appropriate actions as required by sections 64E-5.406 and 64E-5.1303, F.A.C. Test samples (smears) shall be taken by the licensee using an approved leak test kit. Analysis of test samples shall be performed by individuals who are licensed by the department, NRC, agreement state, or licensing state to provide these services. The licensee is required to retain leak test records containing the manufacturer's name, model and serial number of each sealed source tested, identity of each sealed source radionuclide and its estimated activity, the measured activity of each test sample expressed in microcuries, the date of the test and signature of the radiation safety officer or designee. Leak test records shall be maintained for 3 years for inspection by the department.
19. The licensee is authorized to possess, use and transfer up to 999 kilograms (2197.8 pounds avoirdupois) of uranium contained as shielding material in the radiographic exposure devices and source changers authorized by this license.
20. The licensee is authorized to receive, possess and use sealed sources of cobalt 60 and iridium 192 where the activity 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 10 percent for cobalt 60 or 20 percent 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 this license was ordered from the supplier or transferor of the radioactive material; and
  - C. Radiation levels for radiographic exposure devices and source changers do not exceed those specified in Chapter 64E-5, F.A.C.

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STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
BUREAU OF RADIATION CONTROL

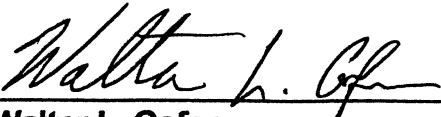
21. A. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, 8, and 9 of this license in accordance with statements, representations and procedures contained in the licensee's application dated March 27, 1998, signed by Donna M. Frione, President, and correspondence dated:

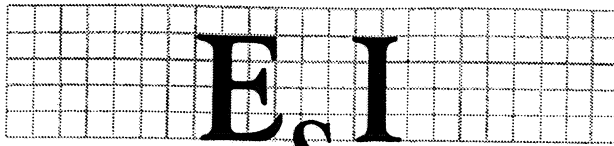
April 12, 1999, also signed by Donna M. Frione, President;  
March 1, 2000, signed by Judy Case; and  
March 3, 2000, signed by Donna M. Frione, President.

B. The licensee shall comply with all applicable requirements of Chapter 64E-5, Florida Administrative Code, and these regulations shall supersede the licensee's statements in applications or correspondence, unless the statements are more restrictive than the regulations.

For the Bureau of Radiation Control:

Issuance Date: MAR 07 2000

  
Walter L. Cofer  
Environmental Specialist III  
Bin C21, 2020 Capital Circle SE  
Tallahassee, FL 32399-1741  
(850) 487-2437



ENGINEERING & INSPECTIONS  
UNLIMITED, INC.

5455 North Federal Highway, Suite I  
Boca Raton, FL 33487

Phone: (561) 241- 0303

Fax: (561) 241- 0349

# Fax

To: U.S.N.R.C.  
Company: \_\_\_\_\_  
Fax: 404-562-4955  
Phone: 800-577-8510  
Re: NRC FORM 241

From: Lynn Shepard  
Date: May 2, 2002  
Pages: 9  
CC: \_\_\_\_\_



Urgent



For Review



Please comment



Please reply

Gentlemen: Please find attached the following documents for your review:

1. Completed NRC Form 241
2. Copy of Florida Radioactive Materials License
3. Copy of check for application fee

Thank you,

Lynn D. Shepard, RSO