

NRC FORM 241 (8-2002) **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. 3198-0013 EXPIRES: 08/12/2008
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 (7-8 ES), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@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 firm proposing to conduct the activities described below)
GS2 ENGINEERING + ENV. CONSULTANTS, INC.

2. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)
**7 CLUSTERS COURT
COLUMBIA, S.C. 29210**

3. LICENSEE CONTACT AND TITLE
JUDY BRITT / OPERATIONS MGR/RSC

4. TELEPHONE NUMBER (Include Area Code)
803-750-1510

5. FACSIMILE NUMBER (Include Area Code)
803-750-0773

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS TELE THERAPY/RADIATOR SERVICE
 PORTABLE GAUGES OTHER (Specify) _____
 RADIOGRAPHY _____

REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS) _____

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE
**HITT CONTRACTING, INC.
2457 AVIATION AVE.
SUITE 100
NORTH CHARLESTON, SC
29406**

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)
**P.O. BOX 52447
SHAW AFB, SC 29152
JOB TRAILER
JOB SITE
FIGHTING FALCON STREET**

10. CLIENT TELEPHONE NUMBER (Include Area Code)
843-308-9400

11. WORK LOCATION TELEPHONE NUMBER (Include Area Code)
803-666-3229

12. DATES SCHEDULED

FROM	TO	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
11/21/03 10-14-03	12-31-03	55			NUMBER TO BE ASSIGNED BY NRC 001125

17. LIST RADIOACTIVE MATERIAL WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, serial number, or device to be used.)
**① TRAYLER 3430 #SN 29407 (AM 241:061.48 / CS 137)
② CPN # AD00205488 MC-1 (AM 241:061.48 / CS 137)
③ TRAYLER # SN 13528 (SAME AS ABOVE)**

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 8 ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)

LICENSE NUMBER	STATE	EXPIRATION DATE
638	SC	3/31/05

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 (Name and Title) SIGNATURE DATE
JUDY BRITT - OPERATIONS MGR/RSC *Judy Britt, E.I.T.* **10-14-03**

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 (Typed/Printed Name and Title) SIGNATURE DATE TOTAL USAGE - DAYS TO DATE
John J. [Signature] **11/18/03** **41**

As per phone call w/ J. Britt

⑤ 11/18/03

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**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
RADIOACTIVE MATERIAL LICENSE**

Pursuant to the Atomic Energy and Radiation Control Act, Section 13-7-40 et. seq. of S.C. Code of Laws of 1976, as amended, and Supplements thereto, and the South Carolina Department of Health and Environmental Control Regulation 61-63, Radioactive Material (Title A), and in reliance on statements and representations heretofore made by the applicant, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to 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 South Carolina Department of Health and Environmental Control now or hereafter in effect and to any conditions specified below.

LICENSEE		3. License Number:
1. Name:	GS ₂ Engineering & Environmental Consultants, Inc.	638
2. Address:	7 Clusters Court Columbia, SC 29210	4. Expiration Date: March 31, 2005
5. Radioactive Material (Element & Mass No.)	6. Chemical and/or Physical Form	7. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
A. Cesium 137/ Americium 241:Be	A. Sealed source (CPN Model CPN-131)	A. No single source to exceed 10 millicuries of Cs-137 and 50 millicuries of Am-241:Be.
8. Authorized Use:		
A. To be used in a CPN International, Inc. Model MC-1 moisture/density gauge to measure properties of various construction materials.		

Conditions

9. Radioactive material may only be used at the address stated in Item 2 above and temporary jobsites of the licensee anywhere in South Carolina, subject to the jurisdiction of the S.C. Department of Health and Environmental Control. This condition does not prohibit use in Agreement States or in U.S. Nuclear Regulatory Commission jurisdiction states under reciprocity procedures which may be established by those states or the U.S. Nuclear Regulatory Commission.
10. The licensee shall comply with the provisions of Title A, State of South Carolina Rules and Regulations for Radiation Control; Part I - General Provisions; Part II - Licensing of Radioactive Materials; Part III - Standards for Protection Against Radiation; and Part VI - Notices, Instructions, and Reports to Workers; Inspections.

DATE 11/17/03

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Radioactive Material License
Supplementary Sheet

License No. 638

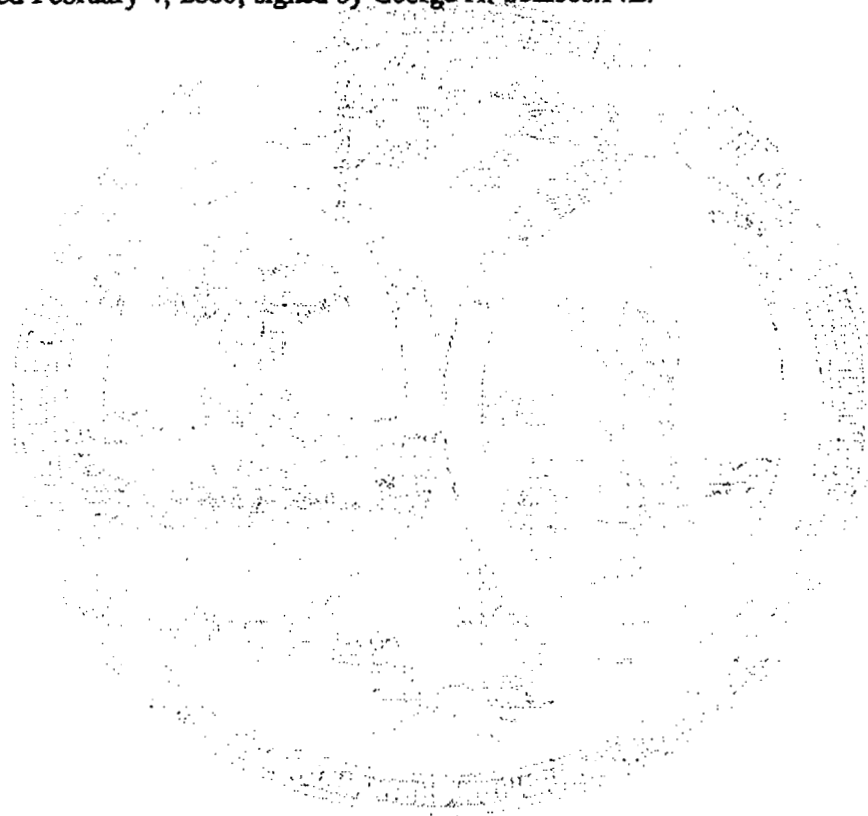
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11. Radioactive material shall be used by, or under the supervision of, and in the physical presence of: David Fancher(RSO), George Sembos, Sam Templeton, or Ryan Macdonald.
 12. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
 13. A. Each sealed source containing radioactive material, other than Hydrogen-3, with a half-life greater than thirty (30) days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed one (1) year. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.
B. The test shall be capable of detecting the presence of 0.005 microcuries of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Department.
C. If the test reveals the presence of 0.005 microcuries or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department regulations. A report shall be filed within five (5) days of the test with the Chief, Bureau of Radiological Health, South Carolina Department of Health & Environmental Control, 2600 Bull Street, Columbia, South Carolina 29201, describing the equipment involved, the test results, and the corrective action taken.
 14. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such service.
 15. Radioactive material shall be transported in accordance with requirements of RHA 2.22 - Transportation of Radioactive Materials, Department Regulation 61-63, Title A.
 16. The licensee shall maintain a utilization log indicating the date, name of person, and place where licensed radioactive material is used.
 17. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for inspection by the Department and shall include the quantities and kinds of licensed material, location of sealed sources, and the date of the inventory.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Radioactive Material License
Supplementary Sheet

License No. 638

18. Except as specifically provided otherwise, the licensee shall possess and use radioactive material described in Items 5, 6, and 7 of this license in accordance with statements, representations, and procedures contained in the following documents.

A. Application dated February 4, 2000, signed by George A. Sembos.P.E.



Date of Issuance March 1, 2000

DHEC 812 (11/81)

For the South Carolina Department
of Health and Environmental Control

By: *T. Pearce O'Kelley*
T. Pearce O'Kelley, Chief
Bureau of Radiological Health

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SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Radioactive Material License
Supplementary Sheet

License No. 638
 Amendment No. 03

GS₂ Engineering & Environmental Consultants, Inc.
 7 Clusters Court
 Columbia, SC 29210

In accordance with letter dated August 21, 2002, signed by Ryan D. McDonald S.C. Radioactive Material License No. 638 is hereby AMENDED:

TO ADD:

- | 5. Radioactive Material
(Element & Mass No.) | 6. Chemical and/or
Physical Form | 7. Maximum Radioactivity
and/or quantity of
material which
licensee may possess |
|---|---|--|
| B. Cesium 137 | B. Sealed source
(Amersham Corp.
Model No. CDCW556,
Capsule Type XN.30 or
Capsule Type X1218) | B. No single source to
exceed 9 millicuries. |
| C. Cesium 137 | C. Sealed source
(Isotope Products Labs
Model No. HEG-0058,
Capsule Type 3024) | C. No single source to
exceed 9 millicuries. |
| D. Americium 241:Be | D. Sealed source
(Amersham Corp.
Model No. AMNV.997,
Capsule Type X.1) | D. No single source to
exceed 44 millicuries. |
| E. Americium 241:Be | E. Sealed source
(Isotope Products Labs.
Model Nos. 3021 or 3027) | E. No single source to
exceed 44 millicuries. |

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Radioactive Material License
Supplementary Sheet

License No. 638
Amendment No. 03

8. Authorized Use:

A. through D. To be used in Troxler Model 3400 series gauges (Models 3430, 3430-M, 3440, and 3440-M) to measure the moisture and density of various construction materials.

Date of Issuance: September 3, 2002

For the South Carolina Department
of Health and Environmental Control

BY: 

T. Pearce O'Kelley, Chief
Bureau of Radiological Health