

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) Sullivan and Associates		2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION	
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 3575 Meeting Street Charleston, S.C. 29405		4. LICENSEE CONTACT AND TITLE John A. Dean Radiation Safety Officer	
		5. TELEPHONE NUMBER (Include Area Code) (843) 566-9062	6. FACSIMILE NUMBER (Include Area Code) (843) 566-9189

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

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS THERAPY/IRRADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) \Rightarrow _____

RADIOGRAPHY \Rightarrow REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)
USA/9263/B(A)-85

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE Southwest Marine, Inc. 1555 Main Street So. Highway 1069 Ingleside, T.X. 78362		9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible) Fireroom/Engine room of the USS Inchon on the Naval Station in Ingleside, T.X.	
		10. CLIENT TELEPHONE NUMBER (Include Area Code) (361) 776-0637	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (361) 776-5800

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
24 Sept. 2001	10 Oct. 2001	17			00 1166

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.)
we will be using (1) Iridium 192 sealed source of approx. 100 curies using a Spec-150 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 (Four copies of the specific license must accompany the initial NRC Form 241.)	LICENSE NUMBER 383	STATE S.C.	EXPIRATION DATE June 30, 2006
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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 (Name and Title) John A. Dean (Radiation Safety Officer)	SIGNATURE <i>[Signature]</i>	DATE 9-14-2001
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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	REVIEW Janice H. Kirby Licensing Assistant	TITLE <i>[Signature]</i>	SIGNATURE <i>[Signature]</i>	DATE 9/14/01	TOTAL USAGE - DAYS TO DATE 17
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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.

Amendment No. 37 Amends

LICENSEE		3. License Number:
1. Name:	Sullivan & Associates, Inc.	383 in its entirety.
2. Address:	3575 Meeting Street North Charleston, SC 29415	4. Expiration Date: June 30, 2006
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. Iridium 192	A. Sealed source (AEA Technology Model A424-9)	A. No single source to exceed 120 Curies.
B. Iridium 192	B. Sealed source (Source Production & Equipment Co. Model No. SPEC G-60)	B. No single source to exceed 150 Curies.
C. Uranium, Natural or Depleted	C. Shielding Material	C. 999 kilograms
8. Authorized Use:		
A. To be used in AEA Technologies, QSA Inc., 660 System, Model 660A, 660AE, 660B, or 660BE Series exposure devices for industrial radiography and in Source Production & Equipment Company Model C-1 source changers for storage and source replacement.		
B. To be used in Source Production & Equipment Company Model SPEC-150 exposure devices for industrial radiography and in Source Production & Equipment Company Model C-1 source changers for storage and source replacement.		
C. To be used as shielding in radiography equipment.		

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Radioactive Material License
Supplementary Sheet

License No. 383
 Amendment No. 37

Conditions

9. Radioactive material may only be used at 3567 Meeting Street, North Charleston, SC 29415 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, Part V - Special Requirements for Industrial Radiographic Operations, and Part VI - Notices, Instructions, and Reports to Workers; Inspections.
11. Only those persons who have satisfactorily completed Sullivan & Associates, Inc.'s training program for industrial radiography personnel received with renewal application dated April 19, 2001, and have met the requirements outlined in RHA 5.12.1 and RHA 5.12.2 shall be authorized by this license to act as radiographers and radiographer's assistants as defined in RHA 5.3.22 and 5.3.24 respectively. The licensee shall maintain records of training for individuals who have completed the training program.
12. John Dean is designated as the licensee's Radiation Safety Officer. The Radiation Safety Officer or his designee shall conduct quarterly field audits of all radiographers and radiographer's assistants. Records of such audits shall be maintained for inspection by the Department.
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 six (6) months. 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.

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14. The licensee is authorized to collect leak test samples for analysis by an approved vendor. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Department, the Nuclear Regulatory Commission or an Agreement State to perform such services.
15. 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 7 of this license provided:
- A. Such possession does not exceed the quantity per source specified in Item 7 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 7 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 RHA 5.5, Part V.
16. Radioactive material shall be transported in accordance with requirements of RHA 2.22 - Transportation of Radioactive Materials, Department Regulation 61-63, Title A.
17. The licensee shall conduct a quarterly physical inventory (not to exceed 3 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 radioactive material, manufacturer's name and model numbers, location of sealed sources, and the date of the inventory.
18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Department's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Renewal application dated April 19, 2001, signed by Patrick J. Sullivan.
 - B. Additional information letter dated May 31, 2001, signed by Patrick J. Sullivan.

For the South Carolina Department
of Health and Environmental Control

By: Melinda D. Bradshaw
T. Pearce O'Kelley, Chief
Bureau of Radiological Health

Date of Issuance: June 19, 2001

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