

404-562-4900  
FILE

NRC FORM 241 (7-1999) 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)

and to the Desk Officer, Office of Management and Budget, NE08-10202, (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)  
TECHNOS INC.

2. TYPE OF REPORT  
 INITIAL  REVISION  CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located)  
3333 NW 21 STREET  
MIAMI FL 33142

4. LICENSEE CONTACT AND TITLE  
LYNN YUHR, VICE PRESIDENT

5. TELEPHONE NUMBER (Include Area Code) (305) 634-4507  
6. FACSIMILE NUMBER (Include Area Code) (305) 635-4109

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

- WELL LOGGING
- LEAK TESTING AND/OR CALIBRATIONS
- TELETHERAPY/RADIATOR SERVICE
- PORTABLE GAUGES
- OTHER (Specify) →
- RADIOGRAPHY → REGISTERED AS USER OF PACKAGING (CERTIFICATE OF COMPLIANCE NUMBERS)

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE  
ESSO Standard Oil  
San Patricio Avenue Parkside  
Guaynabo, PR 00968

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.)  
La Vega Service Station  
La Vega Ward  
Km. 14.7, State Road 156  
Barranquitas, Puerto Rico 00794

10. CLIENT TELEPHONE NUMBER (Include Area Code) (787) 792-2920  
11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (787) 399-7473

12. DATES SCHEDULED		13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM	TO				NUMBER TO BE ASSIGNED BY NRC
2-3-00	2-29-00	26			000403

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.)  
Well logging using Mount Sopris MGX with GG375 gamma-gamma probe (5mCi Cesium 137) and LLP 2676 neutron-neutron probe (1 Ci Americium-241 Beryllium)

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: 1699-1  
STATE: FL  
EXPIRATION DATE: 4-30-2000

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) Lynn Yuhr Vice President/Gnl. Mgr. SIGNATURE: [Signature] DATE: 1-26-00

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 statement or represent

FOR NRC USE ONLY REVISE D.M. Heim, LA/DNMS SIGNATURE: [Signature] DATE: 1/27/00 TOTAL USAGE - DAYS TO DATE: 27

USNRC Region II - Atlanta GA FAX (404) 562-4900 VERIFY (404) 562-4123

Received 1/27/00 II NE 5 cc R X

**STATE OF FLORIDA**  
**DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES**  
**OFFICE OF RADIATION CONTROL**

**RADIOACTIVE MATERIALS LICENSE**

Pursuant to Chapter 404, Florida Statutes, and Chapter 10D-91, 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 and Rehabilitative Services now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Name: <b>TECHNOS, INC.</b></p>	<p>With reference to application dated 3/22/1995, State of Florida Radioactive Materials</p> <p>3. License Number: <b>1699-1</b> is hereby renewed to read as follows:</p>
<p>2. Address: <b>3333 NW 21st Street Miami, FL 33142</b></p>	<p>4. Expiration Date: <b>4/30/2000</b></p> <p>5. Category: <b>3L(1)</b></p>

6. Radioactive material (element and mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
A. Cesium 137	A. Sealed source (New England Nuclear Model NER-572)	A. One source not to exceed 5 millicuries
B. Americium 241: Beryllium	B. Sealed source (Gamma Industries Model NB-HP or Gulf Nuclear 71-1)	B. One source not to exceed 1 curie

9. **AUTHORIZED USES**
- A. To be used in an EG&G Geometric Mount Sopris Instrument Model GG375 density tool for well logging.
  - B. To be used in an EG&G Geometric Mount Sopris Instrument Model LLP 2676 neutron tool for well logging.

License Number: 1699-1  
 Amendment No.: 6  
 Control Number: 950328-348

**LICENSEE COPY**  
 Page 1 of 4 Page(s)

Category: **[3L(1)]**  
 Expiration Date: **4/30/2000**

**STATE OF FLORIDA**  
**DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES**  
**OFFICE OF RADIATION CONTROL**

**CONDITIONS**

10. A. The authorized place of use shall be 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 the NRC or an agreement state.  
B. The authorized place of storage is the licensee's facility located at the address in Item 2, 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 materials shall be used by, or under the supervision and in the physical presence of Richard C. Benson.  
B. The radiation safety officer is Richard C. Benson.
13. The licensee shall comply with the provisions of Chapter 10D-91, F.A.C., Part X, "Notices, Instructions and Reports to Workers; Inspections" and Part IV, "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
  - B. As provided otherwise by specific provision of his license pursuant to the requirements of Chapter 10D-91, F.A.C.
15. Sealed sources containing licensed material shall not be opened nor removed from their respective source holders by the licensee.
16. 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 10D-91, F.A.C.

License Number: 1699-1  
Amendment No.: 6  
Control Number: 950328-348

LICENSEE COPY

Page 2 of 4 Page(s)

Category: [3L(1)]

Expiration Date: 4/30/2000

**STATE OF FLORIDA**  
**DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES**  
**OFFICE OF RADIATION CONTROL**

17. The licensee shall assure that each sealed source is tested for leakage or contamination and follow the appropriate actions as required by section 10D-91.12051, F.A.C. Licensed material shall be tested at least semiannually. The test sample (smear) shall be taken by the licensee using an approved leak test kit. Analysis of the test sample 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. The records shall be maintained for 3 years for inspection by the department.
18. 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 section 10D-91.1206, F.A.C. Inventory records shall be maintained for 2 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.
19. Each source holder or logging tool containing radioactive material shall bear a durable, legible and clearly visible marking or label bearing the the conventional radiation symbol and the following warning: DANGER (or CAUTION) - RADIOACTIVE.
20. The licensee shall notify the department immediately by telephone at (407) 488-1320 of abandonment down-hole of any sealed source containing licensed material and promptly confirm by letter to the Office of Radiation Control, Department of Health and Rehabilitative Services, 1317 Winewood Boulevard, Tallahassee, Florida 32399-0700. A written report must be filed within 30 days and shall include the information required by subsection 10D-91.1220(3)(c), F.A.C.

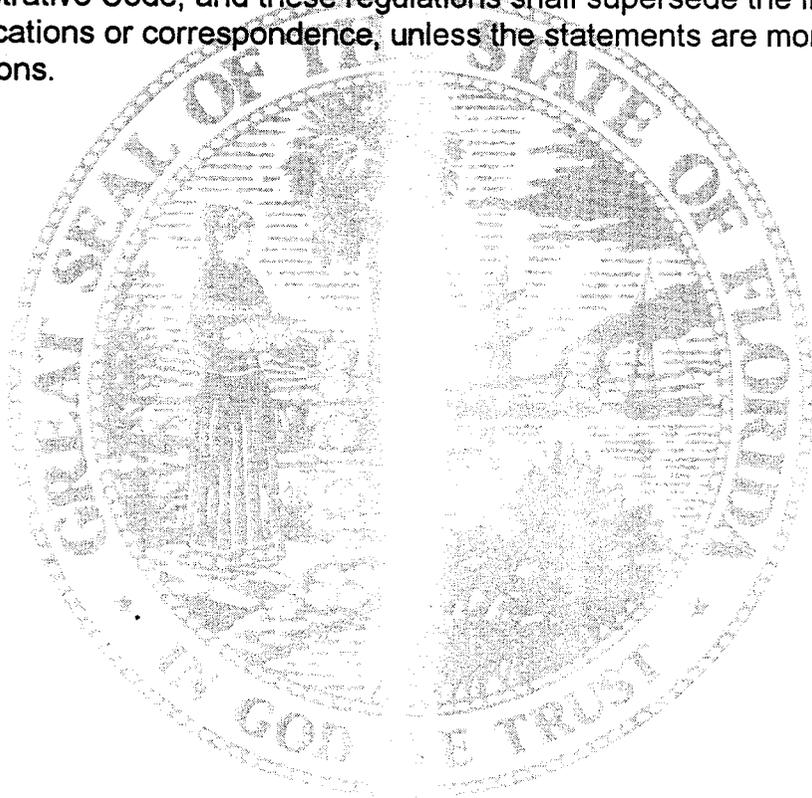
License Number: 1699-1  
Amendment No.: 6  
Control Number: 950328-348

LICENSEE COPY  
Page 3 of 4 Page(s)

Category: [3L(1)]  
Expiration Date: 4/30/2000

**STATE OF FLORIDA**  
**DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES**  
**OFFICE 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 22, 1995, and correspondence dated August 25, 1995 all signed by Lynn Yuhr, Vice President.
- B. The licensee shall comply with all applicable requirements of Chapter 10D-91, 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 Office of Radiation Control

Issuance Date: SEP 25 1995

*Debbie Bray Gilley*  
Debbie Bray Gilley  
Health Physicist  
1317 Winewood Boulevard  
Tallahassee, FL 32399-0700  
(904) 487-2437

License Number: 1699-1	LICENSEE COPY	Category: [3L(1)]
Amendment No.: 6	Page 4 of 4 Page(s)	Expiration Date: 4/30/2000
Control Number: 950328-348		

STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
BUREAU OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE  
SUPPLEMENTAL SHEET

TECHNOS, INC.  
3333 NW 21st Street  
Miami, FL 33142

With reference to correspondence dated March 19, 1997, State of Florida Radioactive Materials License Number 1699-1 is hereby amended as follows:

TO CHANGE ITEM 5 TO READ:

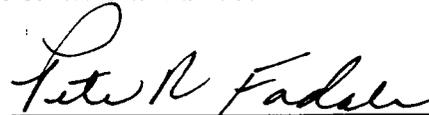
5. Category: 3I(1)

TO CHANGE CONDITION 21 TO READ:

CONDITIONS

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 22, 1995, signed by Lynn Yuhr, Vice President and correspondence dated:
- August 25, 1995; and
  - March 19, 1997, both signed by Lynn Yuhr, Vice President.
- B. The licensee shall comply with all applicable requirements of Chapter 10D-91, 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



Peter R. Fadale  
Senior Health Physicist  
1317 Winewood Boulevard  
Tallahassee, FL 32399-0700  
(904) 487-2437

Issuance Date: MAY 05 1997

License Number: 1699-1  
Amendment No.: 7  
Control Number: none

LICENSEE COPY

Page 1 of 1 Page(s)

Category: [3I(1)]

Expiration Date: 04/30/2000