NRC FORM 374
(7-84)

U.S. NUCLEAR REGULATORY COMMISSION

OFFICIAL RECORD COPY

MATERIALS LICENSE

Amendment No. 4

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

DL-091495_05

Licensee	
1. Professional Service Industries, Inc.	In accordance with the letter dated June 29, 1995 3. License Number 45-25086-01 is renewed in its entirety to read as follows:
2. 1807-D Murry Road, SW Roanoke, Virginia 24018	4. Expiration Date September 30, 2000 5. Docket or Reference No. 030-31568

6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License
A. Cesium 137	A. Sealed sources registered under 10 CFR 32.210 or by an Agreement State, in a compatible portable gauging device specified in Item 9. below.	A. No single source to exceed 407 megabecquerels (MBq) (11 millicuries (mCi)) (See Condition 22. below)
B. Americium 241	B. Sealed sources registered under 10 CFR 32.210 or by an Agreement State, in a compatible portable gauging device specified in Item 9. below.	B. No single source to exceed 11.1 MBq (300 mCi) (See Condition 22. below)

9. Authorized Use:

A. and B. Sealed source(s) contained in Campbell Pacific Nuclear Corporation, Humboldt Scientific, Inc., Seaman Nuclear Corporation, and/or Troxler Electronic Laboratories, Inc. or other portable gauging devices registered under 10 CFR 32.210 or an equivalent Agreement State regulation and distributed under an NRC or Agreement State License to measure moisture, density or asphalt properties of materials.

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CONDITIONS

10. Licensed material may be used at the licensee's facilities at 1807-D Murry Road, SW, Roanoke, Virginia and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material

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License Number
45-25086-01

Docket or Reference Number
030-31568

Amendment No. 4

MATERIALS LICENSE
SUPPLEMENTARY SHEET

(Continued) CONDITIONS

11. The Radiation Safety Officer for the activities authorized by this license is Michael R. Circeo, or other individuals trained and designated by John T. Thornton, Corporate RSO, in accordance with the application dated June 29, 1995 and letter dated June 22, 1995.

12. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have been trained described in the application dated June 29, 1995, have received copies of, and training in, the licensee's operating and emergency procedures, and have been approved by the Radiation Safety Officer. The licensee shall maintain records of persons designated as users.

13. Sealed sources containing licensed material shall not be opened or removed from the gauging device by the licensee.

14. A.(1) The source(s) specified in Item 7, shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified in the certificate of registration issued under 10 CFR 32.210, or by an Agreement State. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.

B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.

C. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region II, Division of Radiation Safety and Safeguards, Nuclear Material Inspection Section, 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.

D. The licensee is authorized to collect leak test samples for analysis as described in the application dated June 29, 1995, or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

15. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

16. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under this license.

17. The licensee shall maintain records of information important to safe and effective decommissioning at 1807-D Murry Road, SW, Roanoke, Virginia pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

License Number
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MATERIALS LICENSE
SUPPLEMENTARY SHEET

(Continued) CONDITIONS

18. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.

19. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.

20. Any cleaning, maintenance, or repair of the gauges that requires removal of the source rod shall be performed only by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.

21. A. If the licensee uses sealed sources or probes containing sealed sources at depths greater than 3 feet, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface.

    B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U. S. Nuclear Regulatory Commission, Region II, Chief, Nuclear Materials Safety and Safeguards Branch, by telephone, of the circumstance that resulted in the inability to retrieve the source or probe. The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

22. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

23. 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 Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application dated: June 29, 1995 [renewal]

    B. Letters dated:
        (1) June 22, 1995 [delegation of authority]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE SEP 14 1995

BY David J. Collins
DAVID J. COLLINS

Region II, Nuclear Materials Licensing Section
101 Marietta Street, N.W., Suite 2900
Atlanta, GA 30323-0199

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