

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 1, 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 transport material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain 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-033095-04

Licensee 1. ETS Analytical Services, Inc. Environmental Laboratories Division (Formerly Environmental Laboratories, Inc.) 2. 9211 Burge Avenue Richmond, Virginia 23237		In accordance with application dated March 2, 1995 3. License Number 45-24989-01 is amended in its entirety to read as follows:	
		4. Expiration Date April 30, 1998	
		5. Docket or Reference No. 030-30548	
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. Nickel 63	A. Plated and/or foil sources in detector cells registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation	A. Not to exceed 15 millicuries per source	

9. Authorized Use:
 A. For use in compatible gas chromatographs for sample analysis.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 9211 Burge Avenue, Richmond, Virginia.
- 11. The Radiation Protection Officers for this license are Douglas M. Brubeck or Melinda A. Baldwin.
- 12. Licensed material shall be used by, or under the supervision of, Douglas M. Brubeck or Melinda A. Baldwin.
- 13. Foil sources containing licensed material shall not be opened or removed from the detector cell by the licensee.
- 14. Maintenance, repair, cleaning, replacement and disposal of foils or plated sources contained in detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

45-24989-01

Docket or Reference Number

030-30548

Amendment No. 4

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CONDITIONS

15.
 - A. The source(s) specified in Item 7, shall be tested for leakage and/or contamination at intervals not to exceed 6 months. 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.
 - 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 by Assay Services, Inc. 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.
16. In lieu of using the conventional radiation caution color (magenta or purple on yellow background) as provided in 10 CFR 20.203(a)(1), the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
17. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of the sources and/or devices, and the date of the inventory.
18. The licensee shall maintain records of information important to safe and effective decommissioning at the location specified in Condition 10, in accordance with the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
19. In addition to the possession limits in condition 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.

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CONDITIONS

20. 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 March 4, 1993
- B. Letters dated:
 - (1) March 3, 1995 [Request for name change]
 - (2) March 24, 1995 [Change of ownership information.]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date MAR 30 1995

By Earl G. Wright
 Region II, Nuclear Materials Licensing Section
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 Atlanta, GA 30323