

**U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE**

Amendment No. 04

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, 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); and to import such byproduct and source material. 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.

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| Licensee | | |
| 1. Department of the Army U.S. Army Electronics Command 2. Fort Monmouth, New Jersey 07703 | | In accordance with application dated April 24, 1978, 3. License number SUB-1150 is amended in its entirety to read as follows: |
| | | 4. Expiration date June 30, 1983 |
| | | 5. Docket or Reference No. 040-08158 |
| 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. Thorium 230 B. Thorium 232 | A. Source (Eberline Model CS-12) B. Sealed Source (Eberline Model B-1093) | A. 20 nanocuries per source B. 2.15 kilograms - no single source to exceed 235 nanocuries |
| 9. Authorized use | | |
| A. and B. To check functional operation of alpha survey instruments. | | |

CONDITIONS

10. Licensed material shall be used anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."

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Supplementary Sheet

License Number SUB-1150
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CONDITIONS

(continued)

12. Licensed material shall be used by, or under the supervision of, individuals designated by the Radiation Safety Committee.

13. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Section 71.5, Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material For Transport."

14. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated April 24, 1978.

Date JUN 19 1978

FCI



For the U. S. Nuclear Regulatory Commission
Original Signed by
FREDERICK G. COMBS
by Radioisotopes & Fuel Cycle Branch
Division of Materials and Fuel Cycle
Facility Licensing
Washington, D. C. 20555