

U. S. ATOMIC ENERGY COMMISSION

BYPRODUCT MATERIAL LICENSE

Amendment No. 02

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 2, 33, 34, and 35, and in reliance on statements and representations heretofore made by the licensee, a license hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>Department of the Army U. S. Army Electronics Command Fort Monmouth, New Jersey 07703</p>	<p>In response to application received September 13, 1968,</p> <p>3. License number 29-01022-07 is amended in its entirety to read as follows:</p> <p>4. Expiration date November 30, 1973</p> <p>5. Reference No.</p>
--	--

6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time
A. Cobalt 60	A. General Electric Company Sealed Source (G. E. Drawing 9850515)	A. [] Ex 2

9. Authorized use

A. To be used in the pneumatic system described in Drawing ES-C-196801, located in the Shield Room of the Underground Radiological Vault, and connected to a SC-200 source container, for instrument irradiation.

CONDITIONS

- 10. Byproduct material may only be used at the licensee's address stated in Item 2 above.
- 11. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation."

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2
FOIA- 2006-0238

PP110

BYPRODUCT MATERIAL LICENSES

Supplementary Sheet

License Number 29-01022-07

(Continued)

CONDITIONS

Amendment No. 02

12. Byproduct material shall be used by, or under the supervision of, individuals designated by the U. S. Army Electronics Command Isotope Committee.
13. Sealed sources containing byproduct material shall not be opened.
14. A. Each sealed source containing byproduct material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six 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 .05 microcurie 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 Commission.

C. If the test reveals the presence of .05 microcurie 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 Commission regulations. A report shall be filed within 5 days of the test with the Director, Division of Materials Licensing, U. S. Atomic Energy Commission, Washington, D. C., 20545, describing the equipment involved, the test results, and the corrective action taken. A copy of such report shall also be sent to the Director, Region I, Division of Compliance, USAEC, 970 Broad Street, Newark, New Jersey, 07102.

U. S. ATOMIC ENERGY COMMISSION
BYPRODUCT MATERIAL LICENSE
Supplementary Sheet

License Number 29-01022-07

Amendment No. 02

CONDITIONS

(Continued)

- 15. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated May 24, 1968.
- 16. Written instructions entitled, "Operating Procedure for Underground Radiological Vault," which were submitted with application dated May 24, 1968, shall be followed and a copy of these instructions shall be made available to each individual using or having responsibility for use of byproduct material. Any changes in these instructions shall have the prior approval of the Isotopes Branch, Division of Materials Licensing, U. S. Atomic Energy Commission.

For the U. S. Atomic Energy Commission

Original Signed by ~~John E. Bower~~ Signed by ~~John E. Bower~~
John E. Bower
Isotopes Branch

by _____
Division of Materials Licensing
Washington, D. C. 20545

JPU/cjk
1

Date

OCT 28 1968

FCU
10/27/68
CRB *GM*