

MATERIALS LICENSE

Amendment No. 01

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, 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.

Licensee

1. Department of the Navy
31st NCR, Code R30

2. Port Hueneme, California 93043

3. License number

04-07316-06

is amended in its entirety to read as follows:

4. Expiration date

October 31, 1988

5. Docket or
Reference No.

030-20805

6. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Cesium 137

A. Sealed sources (Troxler
Dwg. A-102112)A. Not to exceed 10 milli-
curies per source

B. Americium 241

B. Sealed neutron sources
(Troxler Dwg. A-102451)B. Not to exceed 50 milli-
curies per sourceC. Cesium 137/
Americium 241C. Combined sealed sources
(Campbell Pacific Nuclear
Model CPN-131)C. Not to exceed 10 milli-
curies of Cesium 137
and 50 millicuries of
Americium 241 per
source

9. Authorized use

A. and B. For use in Troxler Model 3400 Series gauges to measure properties of
materials.C. For use in Campbell Pacific Nuclear Portaprobe Model B(R) gauges for moisture
density measurements.

CONDITIONS

10. Licensed material may be used at 31st Naval Construction Regiment, Naval
Construction Training Center, Port Hueneme, California and at temporary
job sites of the licensee anywhere in the United States.

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."

12. Licensed material shall be used by, or under the supervision and in the physical
presence of, *Paul J. Renaud or Robert T. Dubois.*

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NMSS LIC30
04-07316-06 PDR

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

04-07316-06

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CONDITIONS

(continued)

13. A. (1) Each sealed source containing licensed 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, a sealed source received from another person shall not be put into use until tested.
- (2) The periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
- B. The test shall be capable of detecting the presence of 0.005 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 0.005 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 U. S. Nuclear Regulatory Commission, Region V, Office of Inspection and Enforcement, 1450 Maria Lane, Suite 210, Walnut Creek, California 94596, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
- E. The licensee is authorized to collect leak test samples in accordance with the procedures described in the licensee's application dated July 12, 1983 for analysis by a Navy Radiac Repair facility.
14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

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(continued)

15. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, location of sealed sources, and the date of the inventory.
16. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."
17. 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 July 12, 1983. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

OCT 14 1983

Date _____

Original Signed By
John W. HickeyBy _____
Material Licensing Branch
Division of Fuel Cycle and Material
Safety
Washington, D. C. 20555