

MATERIALS LICENSE

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). 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 Air Force
Technical Operation Division
(AFTAC)DLS
2. McClellan AFB, California 95652-6437

In accordance with letter dated
June 10, 1985

3. License number 04-09951-03 is amended in
its entirety to read as follows:

4. Expiration date November 30, 1989

5. Docket or
Reference No. 030-09693

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. Strontium 90

A. Strontium Titanate
(Teledyne Energy
Systems Model-Sentinel
25A)

A. One source of 98,000
curies

B. Strontium-90

B. Strontium Titanate
(Teledyne Energy Systems
Model-Sentinel 25F)

B. One source of 79,000
curies

C. Strontium 90

C. Strontium Titanate
(Teledyne Energy Systems
Model-Sentinel 25E)

C. Seven sources not to
exceed 81,000 curies
per source

D. Strontium 90

D. Strontium Orthotitanate
(Teledyne Energy Systems
Model-Sentinel 100F)

D. One source of 250,000
curies

9. Authorized use

A. through D. Generation of Electricity.

CONDITIONS

10. Licensed material shall be used at Burnt Mountain, Alaska, Bench Mark Monty, as specified in letter dated February 27, 1985, and in the event of removal of the thermoelectric generator from the place of use, the byproduct material may be stored at McClelland AFB, California.

8509130077 850830
NMSS LIC30
04-09951-03 PDR

DLCO

Send Copy To Regulator

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

04-09951-03

Docket or Reference number

030-09693

Amendment No. 11

CONDITIONS

11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code 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 of, J. Daniel Marsh. Licensed material may be stored under the supervision of David C. Clark.
13. 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, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
14. The licensee shall report to the Commission (Regional Administrator, Region V, 1450 Maria Lane, Suite 210, Walnut Creek, California 94596) in May of each year, and report annually thereafter so long as the Generator is installed, concerning (1) the status of the Generator (2) whether there is evidence of Generator overheating, and (3) whether the wooden top to the exclusion barrier has been removed from cooling purposes.
16. 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 November 16, 1983; and letters dated August 8, 1984, October 1, 1984, February 27, 1985 and June 10, 1985. 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

Original Signed By
John W. Hickey

DATE

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

AUG 30 1985

BB
8/30/85

2