FORM AEC-374A
(12-57)

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

License Number 4-4292-1 (K60)

AMENDMENT NO. 3

Rocketdyne, A Division of North
American Aviation, Inc.
6633 Canoga Avenue
Canoga Park, California

Attention: E. F. Cain
Robert B. Kimball
James T. Dicus

In accordance with telegram from H. R. Lake, dated April 20, 1960, License No. 4-4292-1 is hereby amended to revise Items 6D and E, 7D and E, 8D and E, 9D and E and Condition 18 to read:

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
D. Iron 55	D. Sealed Source (U. S. Nuclear Corporation Type 3112)	D. 1 millicurie
E. Carbon 14	E. Sealed Source (U. S. Nuclear Corporation Type 3111)	E. 1 millicurie

9. Authorized use

D. and E.: To be used in the development of liquid level measuring systems.

Condition 18. Sealed sources containing Strontium 90, Iron 55 or Carbon 14 shall be tested for external contamination and/or leakage upon receipt from another person, except where the licensee receives certification from the supplier that the sources had been tested within 30 days prior to transfer and found free of surface contamination. Sources shall be tested for contamination and/or leakage at intervals of not more than six (6) months thereafter. Sources semipermanently or permanently mounted in a device may be tested by checking accessible surfaces of the device for removable radioactive material. The test shall be sufficiently sensitive to detect 0.05 microcuries of radio-

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CONTINUED:

Condition 18. (continued)

active material on the surface of sources or devices. Records of leak test results shall be maintained by the licensee.

If the test reveals removable radioactive material, the licensee shall take immediate action to prevent spread of contamination, and shall notify the Isotopes Branch, Division of Licensing and Regulation, within 30 days.

Tests shall be performed by the Health Physics Group, Atomics International, by the procedure described in letter dated October 29, 1958, from J. N. Shropshire, or by other persons specifically licensed by the Commission to perform such services.

For the U. S. Atomic Energy Commission
Original Signed By
James R. Mason
by Chief, Isotopes Branch
Division of Licensing and Regulation
Washington 25, D. C.

Date April 29, 1960

DUPLICATED FOR DIV. OF INSP

4/29/60