

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

IN REPLY REFER TO:

CAL:CTE
Docket No. 50-50

Dist: 8-8-57 rr/md

Recd: 8-7-57 AT

AT DIST: C. Adams, T. Humphrey w/encl, G. Ladd, R. Loftness, A. Martin, W. Perkins, R. Sehnert, C. Starr,
B. Kramer w/encl.



Atomies International
A Division of North American Aviation, Inc.
P. O. Box 309
Canoga Park, California

Attention: Dr. C. Starr
Vice President

Gentlemen:

Attached is License R-19 authorizing operation of the L-47
reactor at Canoga Park, California.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "H. L. Price".

H. L. Price
Director
Division of Civilian Application

Enclosure:
License R-19

AIR MAIL

3340 AT



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ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

Docket No. 50-50

License No. R-19

L I C E N S E

1. Pursuant to the Atomic Energy Act of 1954 (hereinafter "the Act"), and having considered the record in this matter, the Atomic Energy Commission (hereinafter "the Commission") has found:
 - a. That the utilization facility authorized for construction by Construction Permit No. CPRB-14, dated July 2, 1957, and issued to North American Aviation, Inc., has been constructed and will operate in conformity with the application as amended and in conformity with the Act and the rules and regulations of the Commission;
 - b. There is reasonable assurance that the facility can be operated without endangering the health and safety of the public;
 - c. North American Aviation, Inc. is technically and financially qualified to operate the facility.
2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses North American Aviation, Inc.:
 - a. Pursuant to Section 104(c) of the Atomic Energy Act of 1954, and Title 10, C.F.R., Chapter 1, Part 50, "Licensing of Production and Utilization Facilities," to possess and operate as a utilization facility the nuclear reactor designated below;
 - b. Pursuant to the Act and Title 10, C.F.R., Chapter 1, Part 70, "Special Nuclear Material," to receive, possess and use 1200 grams of contained uranium-235 in the form of uranyl sulfate as fuel for operation of the facility;
 - c. Pursuant to the Act and Title 10, C.F.R., Chapter 1, Part 30, "Licensing of Byproduct Material," to possess, but not to separate such byproduct material as may be produced in the operation of the facility.
3. This license applies to the facility which is owned by North American Aviation, Inc. and located in Canoga Park, California, and described in North American Aviation's application filed on January 24, 1957, and amendments to the application filed on April 8, 1957, June 20, 1957, and July 29, 1957 (hereinafter "the application").

4. This license shall be deemed to contain and be subject to the conditions specified in Section 50.54 of Part 50 and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to any additional conditions specified or incorporated below.
5. The conditions and requirements contained in Appendix "A", attached hereto, are a part of this license.
6. This license is effective as of the date of issuance and shall expire at midnight August 2, 1977, unless sooner terminated.

FOR THE ATOMIC ENERGY COMMISSION



H. L. Price
Director
Division of Civilian Application

Attachment:
Appendix "A"

Date of Issuance: AUG 1 1957

APPENDIX "A"

I. Operating Restrictions

Unless further authorized by the Commission:

- a. North American Aviation, Inc. shall operate the facility in accordance with the procedures described in the application.
- b. North American Aviation, Inc. shall not operate the facility at thermal power levels in excess of five (5) watts.

II. Records

In addition to those otherwise required under this license and applicable regulations, North American Aviation, Inc. shall keep the following records:

- a. Facility operating records, including power levels.
- b. Records showing radioactivity released or discharged into the air or water beyond the effective control of North American Aviation, Inc. as measured at the point of such release or discharge.
- c. Records of emergency scrams, including reasons for emergency shutdowns.

III. Reports

North American Aviation, Inc. shall immediately report to the Commission any indication or occurrence of a possible unsafe condition relating to the operation of the reactor.