

UNITED STATES ATOMIC ENERGY COMMISSION
NOTICE OF ISSUANCE OF FACILITY LICENSE AMENDMENT
LOCKHEED AIRCRAFT CORPORATION, DOCKET NO. 50-172
AND THE DEPARTMENT OF THE AIR FORCE, DOCKET NO. 50-176

Please take notice that the Atomic Energy Commission has issued, effective as of the date of issuance, Amendment No. 2, set forth below, to Facility License No. R-86, as amended. The license authorizes possession by the Department of the Air Force and operation by Lockheed Aircraft Corporation of the Radiation Effects Reactor (RER) located on a 10,000 acre site in Dawson County, Georgia. The amendment authorizes Lockheed Aircraft Corporation to reorient the RER shield tanks 120° from their present position in order to increase the available leakage neutron flux at a test position by a factor of 10, and to replace certain couplings on the tanks with quick disconnect couplings which will facilitate remote assembly and disassembly of drain and fill lines, as described in the licensee's applications for license amendment dated September 25, 1962, and October 24, 1962.

The Commission has found that:

- (1) Operation of the reactor in accordance with the license as amended will not present undue hazard to the health and safety of the public and will not be inimical to the common defense and security.
- (2) The application for amendment complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations set forth in Title 10, Chapter 1, CFR;
- (3) Prior public notice of proposed issuance of this amendment is not necessary in the public interest since operation of the reactor in accordance with the license, as amended, will

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not present significant change in the hazards to the health and safety of the public from those considered and evaluated in connection with the previously approved operation.

Within fifteen (15) days from the date of publication of this notice in the Federal Register, the applicant may file a request for a hearing, and any person whose interest may be affected by this proceeding may file a petition for leave to intervene. Requests for a hearing and petitions to intervene shall be filed in accordance with the provisions of the Commission's Regulation (10 CFR 2). If a request for a hearing or a petition for leave to intervene is filed within the time prescribed in this notice, the Commission will issue a notice of hearing or an appropriate order.

For further details with respect to this amendment, see (1) a related hazards analysis prepared by the Test & Power Reactor Safety Branch of the Division of Licensing and Regulation and (2) the licensee's applications for license amendment dated September 25, 1962, and October 24, 1962, which are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. A copy of item (1) above may be obtained at the Commission's Public Document Room, or upon request, addressed to the Atomic Energy Commission, Washington, D. C., Attention: Director, Division of Licensing and Regulation.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by

S. Levine

Saul Levine, Chief
Test & Power Reactor Safety Branch
Division of Licensing and Regulation

Dated at Germantown, Maryland
this day of , 1962.

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LOCKHEED AIRCRAFT CORPORATION, DOCKET NO. 50-172
AND THE DEPARTMENT OF THE AIR FORCE, DOCKET NO. 50-176

AMENDMENT TO FACILITY LICENSE

License No. R-86
Amendment No. 2

License No. R-86 is hereby amended to authorize the changes described in the application amendments dated September 25, 1962, and October 24, 1962.

Paragraph 1. of License No. R-86 is hereby amended to read as follows:

"1. This license applies to the Radiation Effects Reactor (RER), a heterogeneous pressurized water-type nuclear reactor (Air Force Plant No. 67) (hereinafter referred to as "the reactor") which is possessed by the Department of the Air Force and located on a 10,000 acre site in Dawson County, Georgia, and described in the Lockheed Aircraft Corporation application for license dated February 23, 1962, and amendments thereto dated April 20, 1962, May 25, 1962, July 25, 1962, September 25, 1962 and October 24, 1962, and described in the Department of the Air Force application for license dated March 15, 1962 and April 11, 1962, (hereinafter collectively referred to as "the applications"). The reactor was constructed for the Department of the Air Force as a facility exempt from AEC licensing requirements under Section 91b of the Atomic Energy Act of 1954, as amended."

This amendment is effective as of the date of issuance.

FOR THE ATOMIC ENERGY COMMISSION
Original Signed by

S. Levine ✓

Saul Levine, Chief
Test & Power Reactor Safety Branch
Division of Licensing and Regulation

NOV 7 1962

Date of Issuance:

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