



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

May 16, 1968

71/
LICENSE AUTHORITY FILE COPY

Do Not Remove

In Reply Refer To:
Docket No. 50-172

Superseded

Lockheed-Georgia Company
A Division of Lockheed Aircraft Corporation
Marietta, Georgia 30060

Attention: Mr. F. A. Cleveland
Vice President

Change No. 6
License No. R-86

Gentlemen:

This refers to your letter of October 17, 1967, requesting changes in the Technical Specifications of Facility License No. R-86, pursuant to Section 50.59 of 10 CFR Part 50. The proposed changes are for the purposes of reducing the required pressure differential between the Operations Building and the atmosphere, and of correcting and clarifying certain sections of the present Technical Specifications. We have designated this request Proposed Change No. 6.

We have reviewed the changes proposed and have found that there is reasonable assurance that the health and safety of the public will not be endangered by these changes. A copy of our related Safety Evaluation is enclosed.

Accordingly, the Technical Specifications of Facility License No. R-86 are revised as set forth in Attachment A to this letter.

Sincerely yours,

Donald J. Skovholt Superseded
Donald J. Skovholt
Assistant Director for Reactor Operations
Division of Reactor Licensing

Enclosures:

1. Safety Evaluation
2. Attachment A - Changes to Technical Specifications

9202270073 910725
PDR FOIA
SWEENEY91-233 PDR
3PP

A-24

LOCKHEED AIRCRAFT CORPORATION

ATTACHMENT A

CHANGE NO. 6 TO TECHNICAL SPECIFICATIONS

LICENSE NO. R-86

RADIATION EFFECTS REACTOR

1. Delete the last sentence of paragraph B.2. (Operations Building) and replace with the following:

B.2. A ventilation system is provided which maintains the Operations Building at a positive pressure differential with respect to the atmosphere during reactor operations.
2. Delete the last sentence of paragraph C.2. (Liquid Monitors) and replace with the following:

C.2. In any event, the gross activity of the primary coolant loop, as determined by routine samples taken with the reactor shut-down will not exceed 1×10^{-2} $\mu\text{c}/\text{cc}$.
3. Delete item E.2.b(10) in its entirety.
4. Change the following items in Section K (Reactor Coolant System) to read as follows:
 - 2.h. Coolant pH shall be greater than 6.0 and less than 7.5 as determined by analysis of coolant water samples taken routinely while the reactor is not operating.
 - 2.i. Radioactivity of coolant shall not exceed 1×10^{-2} $\mu\text{c}/\text{cc}$ as determined by analysis of coolant water samples taken routinely while the reactor is not operating.
 - 3.a. Radioactivity shall not exceed 1×10^{-5} $\mu\text{c}/\text{cc}$ as determined by analysis of coolant water samples taken routinely while the reactor is not operating.
5. Delete the first four lines of L.1.c. (Reactor Safety Committee) and replace with the following:

L.1.c. The Reactor Safety Committee shall report to the Nuclear Products Manager. The Committee shall meet at least 4 times annually. Elapsed time between meetings shall not exceed 4 months. The Committee shall be composed of the following or their Committee approved alternates:

A-24a

6. Delete the last sentence of paragraph L.2. (Emergency Procedures) and replace with the following:

L.2. Dry runs involving the REP shall be held at least quarterly. Dry runs involving the entire LGNL site shall be held at least annually.