

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
UNITED STATES ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

October 11, 1962

Honorable Glenn T. Seaborg
Chairman
U. S. Atomic Energy Commission
Washington, D.C.

Subject: REPORT ON LITHIUM COOLED REACTOR EXPERIMENT (LCRE)

Dear Dr. Seaborg:

At its forty-fourth meeting, October 4-6, 1962, the Advisory Committee on Reactor Safeguards considered the 10 MW(th) Lithium Cooled Reactor Experiment (LCRE) to be constructed at the Flight Engine Test (FET) Building at the National Reactor Test Station in Idaho. The review was conducted on the basis of the documents referenced below and discussions with representatives of Pratt and Whitney Aircraft, and the staff of the Atomic Energy Commission.

The Committee received the "Supplement No. 1, PWAC-370, Preliminary Safety Analysis Report for the LCRE," describing containment of the LCRE, too late for consideration at this meeting.

The Committee is of the opinion that a reactor of the proposed type, if adequately contained, can be constructed at the proposed site with reasonable assurance that it may be operated without undue risk to the health and safety of the public.

Sincerely yours,

/s/
F. A. Gifford, Jr.
Chairman

References:

1. PWAC-370, "Preliminary Safety Analysis Report for the Lithium Cooled Reactor Experiment (LCRE)", dated July 20, 1962, Confidential/RD.