

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C.

March 8, 1958

Honorable Lewis L. Strauss
Chairman, U. S. Atomic Energy Commission
Washington 25, D. C.

Subject: ARGONNE LOW POWER REACTOR (ALPR)

Dear Mr. Strauss:

At the request of the Division of Licensing and Regulation, the Advisory Committee on Reactor Safeguards reviewed the design of the Argonne Low Power Reactor planned for construction and operation at the National Reactor Testing Station.

The Committee had available and examined reports referenced below and had the benefit of discussion with the Hazards Evaluation Branch and the staff of the Argonne National Laboratory.

In view of the low power level proposed for this reactor, the remote location at which it is to be operated, and the broad experience of the Argonne National Laboratory with boiling water reactors of this type, the Committee agrees with the conclusion of the Hazards Evaluation Branch report of March 4, 1958, that this reactor can be constructed, and operated at power levels up to 3 Mw, at the National Reactor Testing Station without undue risk to the health and safety of the public.

Sincerely yours,

/s/ C. Rogers McCullough

C. Rogers McCullough
Chairman
Advisory Committee on
Reactor Safeguards

cc: K. E. Fields, GM
H. L. Price, DL&R

References:

- 1/ ANL-5744
- 2/ Ltr frm C. R. Baum to Martin Biles Feb. 21, 1958
- 3/ HEB Staff Report dtd Feb. 3, 1958
- 4/ HEB Staff Report dtd Mar. 4, 1958