

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
UNITED STATES ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

November 1, 1961

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

Subject: REPORT ON CONSOLIDATED EDISON REACTOR

Dear Dr. Seaborg:

At its thirty-sixth and thirty-seventh meetings on September 7-9, and October 26-28, 1961, the Advisory Committee on Reactor Safeguards considered previously unresolved questions regarding the design and operation of the Consolidated Edison 585 MW(t) reactor at Indian Point, New York. The Committee had the benefit of discussions with the applicant and the AEC staff.

It its final review, the Committee considered results of the critical experiments performed at Lynchburg, Virginia and their correlation with calculations of predicted reactor performance. The Committee has also reviewed the organization and procedures to which the applicant is committed.

In our letter of March 4, 1961 to you, the Committee discussed the applicant's proposal to gamma scan fuel elements at an intermediate point in the core life. Consolidated Edison has now made this proposal part of the application.

In view of the satisfactory degree of confirmation of the applicant's power distribution calculations afforded by the Lynchburg tests, the ACRS does not consider necessary its formal review of results of specific steps in the normal step-wise procedure according to which this reactor will be brought to power. However, as for all new reactors, the Committee would like to be kept informed of the performance of this reactor.

It is the opinion of the ACRS that this reactor can be operated without undue hazard to the health and safety of the public.

Sincerely yours,

/s/

T. J. Thompson
Chairman

References (attached)

References:

1. Amendment #4, dated May 4, 1961, with enclosures, to the Amended and Substituted Application for Licenses.
2. Amendment #5, dated August 11, 1961, with enclosure, to the Amended and Substituted Application for Licenses.
3. Amendment #6, dated August 24, 1961, with enclosures, to the Amended and Substituted Application for Licenses.
4. Amendment #7, dated September 14, 1961, with enclosures, to the Amended and Substituted Application for Licenses.
5. Amendment #8, dated September 26, 1961, with enclosure, to the Amended and Substituted Application for Licenses.