

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

January 12, 1959

Honorable John A. McCone
Chairman, U. S. Atomic Energy Commission
Washington 25, D. C.

Subject: CONSOLIDATED EDISON REACTOR

Dear Mr. McCone:

At its twelfth meeting, December 11-13, 1958, the Advisory Committee on Reactor Safeguards reviewed the containment proposed for the nuclear power station being built for the Consolidated Edison Company at Indian Point, New York. Members of the Hazards Evaluation Branch and representatives of the Consolidated Edison Company, Babcock & Wilcox Company, and the Vitro Corporation of America participated in the discussion. Documents pertinent to this proposal are referenced below. The Committee considered this proposal further at its thirteenth meeting, January 8-10, 1959.

The proposed steel sphere and the heavy-walled concrete building enclosing it will provide the most nearly complete containment presented to the Committee in any reactor project to date. The Committee is satisfied that this containment will provide protection to the public. This favorable opinion relates to the proposed containment structures only. Information regarding the safety of the reactor itself and its operation will be considered later.

Sincerely yours,

C. Rogers McCullough
Chairman

cc: Alvin R. Luedecke, GM
Harold L. Price, DLR

Subject: Consolidated Edison Reactor

References:

- 1) Evaluation of Potential Radiation Hazard Resulting from Assumed Release of Radioactive Wastes to Atmosphere from the Proposed Buchanan Nuclear Power Plant, April 1957.
- 2) Core Design and Characteristics for the Consolidated Edison Reactor, August 18, 1958.
- 3) Report on Hazards Analysis and Design for Containment Vessel for the Consolidated Edison Reactor, August 29, 1958.
- 4) Division of Licensing and Regulation Report to the Advisory Committee on Reactor Safeguards on Consolidated Edison Company of New York Indian Point Reactor, December 3, 1958.