

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

February 11, 1970

Honorable Glenn T. Seaborg
Chairman
U. S. Atomic Energy Commission
Washington, D. C. 20545

Subject: SUPPLEMENTARY REPORT ON SHOREHAM NUCLEAR POWER STATION UNIT 1

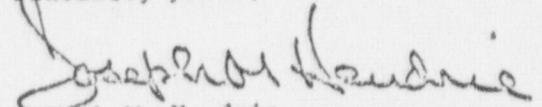
Dear Dr. Seaborg:

At its 118th meeting, February 5-7, 1970, the Advisory Committee on Reactor Safeguards reviewed the plans of the Long Island Lighting Company to accommodate hypothetical piping failures in their nuclear plant containment drywell. The project had been previously reviewed by the Committee at its 116th meeting, December 11-13, 1969, and the Committee's report to you, dated December 18, 1969, discusses the results of that meeting. During its present review, the Committee had the benefit of discussions with representatives of Long Island Lighting Company, General Electric Company, Stone and Webster Engineering Corporation, and the AEC Regulatory Staff. The Committee also had the benefit of the documents listed below.

The applicant stated that it is a design criterion for the Shoreham Station that in the event of pipe rupture within the primary containment, resulting pipe movement will not violate the integrity of the primary containment. It is also a design criterion that, in the event of such rupture, adequate emergency core cooling be assured. The Committee believes that these criteria are acceptable.

The Committee believes that the above item can be resolved during construction and reconfirms its previous conclusion that, if due consideration is given to the items discussed in this report and the Committee's prior report, the nuclear plant proposed for the Shoreham Station can be constructed with reasonable assurance that it can be operated without undue risk to the health and safety of the public.

Sincerely yours,


Joseph M. Hendrie
Chairman

Reference attached.

8709240279 870921
PDR FOIA
MENZ87-111 PDR

Honorable Glenn T. Seaborg

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Reference:

1. Letter from Long Island Lighting Company, dated January 30, 1970; Amendment No. 11 to License Application, additional and replacement pages