

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
United States Atomic Energy Commission
Washington 25, D. C.

July 25, 1959

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

Subject: PROPOSED NUCLEAR POWER REACTOR FOR THE CITY OF PIQUA, OHIO

Dear Mr. McCone:

At the Seventeenth Meeting of the Advisory Committee on Reactor Safeguards on July 23-25, 1959, the Committee received a report from its Subcommittee and reviewed a memo, NAA-SR-MEMO-4048, July 1, 1959, documenting an earlier meeting between representatives of Atomics International, the Subcommittee and members of the Hazards Evaluation Branch. At the Seventeenth Meeting, representatives of the Division of Reactor Development, Hazards Evaluation Branch, Atomics International and the City of Piqua were present.

The Committee's comments on previous proposals have been reported. In the most recent letter upon such proposals, May 18, 1959, it was stated: "... the site as now proposed may be considered as not creating an undue public risk provided (a) adequate containment is constructed as now described by the applicant, (b) the maximum leakage rate for the containment is reduced to an acceptable low value, and (c) that this relatively new reactor system is adequately designed."

From the information obtained and discussed, it appears requirements (a) and (b) will be satisfied and progress toward (c), adequate design and control of this new reactor system, is satisfactory.

Dependent upon meeting the qualifications above, the Committee concludes that this reactor, as now described, may be constructed and operated at the site selected without undue risk to the health and safety of the public.

Chairman C. Rogers McCullough did not participate in these reviews and discussions.

Sincerely yours,

R. C. Stratton
Acting Chairman

cc: A.R.Luedecke, GM
H.L.Price, DI&R

July 25, 1959

References:

NAA-SR-3575 - Preliminary Safeguards Report for the Piqua Organic Moderated Reactor (Revised), April 13, 1959.

NAA-SR-MEMO- - Supplement I to the Preliminary Safeguards
4048 Report for the Piqua Organic Moderated Reactor (Revised), July 1, 1959.

Report to ACRS by the Division of Licensing and Regulation on the Piqua Organic Moderated Reactor, April 28, 1959.

Report to ACRS by the Division of Licensing and Regulation on the Piqua Organic Moderated Reactor, July 2, 1959.