

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

April 9, 1964

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

Subject: REPORT ON PIQUA NUCLEAR POWER FACILITY

Dear Dr. Seaborg:

At its fifty-third meeting held on February 13-15, 1964, and at the fifty-fourth meeting on April 2-4, 1964, the Advisory Committee on Reactor Safeguards considered the application of the City of Piqua, Ohio, for authorization to assume the operating responsibility for the Piqua Nuclear Power Facility, which is now being operated by Atomics International. The Committee heard at each meeting oral presentations by representatives of the City of Piqua, Atomics International, and the AEC staff, and had the benefit of the listed reports. A subcommittee meeting was held at this facility on March 5, 1964.

This organic-cooled and moderated reactor has been operated at its design full power of 45.5 MW(t) by Atomics International, and it is reported that no operational problems remain unresolved.

It appears to the Committee that the nuclear plant operating organization proposed contains only an acceptable minimum of fully qualified supervisory personnel. A Safety Review Committee has been established, containing both plant and consultant personnel, under a charter clearly defining its functions, procedures, and responsibilities.

The Committee assumes that at least the present minimum number of competent personnel will be retained, and that the Safety Review Committee will function within the requirements of its charter,

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subject to minor revisions as discussed with the Regulatory Staff, but not yet documented by the applicant. Based on this assumption, it is the opinion of the Advisory Committee on Reactor Safeguards that this reactor can be operated by the City of Piqua without undue hazard to the health and safety of the public.

Sincerely yours,

/s/

Herbert Kouts  
Chairman

References - Piqua

1. Letter from City of Piqua to AEC Division of Licensing and Regulation dated February 21, 1963, with enclosure "Application for Operation Authorization".
2. Letter from City of Piqua to Mr. E. R. Price, PNPF-365-63 dated September 9, 1963, with enclosure "Application for Operating Authorization (Revised)".
3. Letter from City of Piqua to Mr. E. R. Price, PNPF-410-63, dated October 14, 1963, with enclosures.
4. Letter from City of Piqua to Mr. Saul Levine, PNPF-26-64, dated January 21, 1964, with enclosures.
5. Letter from Atomics International to Mr. R. Lowenstein, 64AT420, dated January 17, 1964, with enclosure, "Summary Report of Testing and Operation to 50% Rated Power".
6. Letter from Atomics International to Mr. R. Lowenstein, 64AT1150, dated February 7, 1964, with enclosure, "Supplementary Summary Report of Testing and Operation to 100% Rated Power".
7. Letter from Atomics International to Mr. R. Lowenstein, 64AT1635, dated March 12, 1964, with enclosure, "Report of Power Operation".
8. Letter from City of Piqua to Mr. Saul Levine, PNPF-118-64, dated March 23, 1964, with enclosure, "Charter for the Piqua Nuclear Power Facility Safety Review Committee".