

AEC

UNITED STATES
ATOMIC ENERGY COMMISSION
Washington 25, D. C.

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FOR IMMEDIATE RELEASE
(Monday, February 26, 1962)

AEC ISSUES CONSTRUCTION PERMIT FOR
REACTOR IN PENNSYLVANIA

The Atomic Energy Commission has issued a construction permit to Philadelphia Electric Company for a nuclear power reactor to be built in Peach Bottom Township, York County, Pennsylvania.

The advanced high-temperature gas cooled reactor will be built for Philadelphia Electric Company and 52 associated utilities. The reactor will have a design capacity of 40,000 electrical kilowatts. Earliest completion date of the facility is March 1, 1964 and latest completion date is December 31, 1964.

Issuance of the construction permit was authorized by Hearing Examiner J. D. Bond in a decision dated February 22 and following a public hearing held December 18, 1961. Subsequently, Philadelphia Electric Company asked the Commission to make the Hearing Examiner's decision effective immediately. On February 21 the Commission issued an order directing that the Hearing Examiner's decision be made effective immediately and that a construction permit be issued. The Commission retains the right to review the record before the decision and construction permit become final. In the absence of any further Commission order, the Hearing Examiner's decision will become final on March 5.

Bechtel Corporation is the prime contractor for design and construction of the plant. General Atomic Division of General Dynamics Corporation, as subcontractor to Bechtel, is responsible for the reactor and nuclear steam supply system and will supply fuel elements for the first five years of plant operation. A program of research and development for the plant is being conducted by General Atomic under contract with the AEC.

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The construction permit provides that Philadelphia Electric Company must submit, within six months of issuance of the permit and at six-month intervals thereafter, a summary of the status of the design of the facility and scheduled dates of completion of the design of major components of the reactor; a description of any changes in facility design which involve hazards considerations and an evaluation of such hazards considerations; a summary of the status and results of research and development activities conducted by the company and/or its subcontractors relating to the design of the facility or hazards considerations involved in the facility; and a report on the status of construction.

Philadelphia Electric Company also is required to submit no later than one year from the issuance of the construction permit a report containing detailed information on the design of the gas and liquid waste disposal systems, and in particular, information relating to the flow processes of the systems, the capacities of the systems and the concentrations of radioactive material to be contained in these systems. The company also must submit, within one year, a description of the duties and qualifications of facility operating personnel and a description of the program and a schedule for the training of these operating personnel.

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