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ADVISORY COMMITTEE ON REACTOR SAFEGUARDS REPORTS TO AEC
ON SAFETY ASPECTS OF PEACH BOTTOM, PENNSYLVANIA, REACTOR PROJECT

The Atomic Energy Commission's Advisory Committee on Reactor Safeguards has supplied the Commission with a report on safety aspects of the advanced high-temperature gas-cooled nuclear power reactor which the Philadelphia Electric Company and 51 associated utilities are planning to build at Peach Bottom in York County, Pennsylvania.

ACRS review at several stages in the design, construction and operation of nuclear power and testing reactors is part of established Commission procedure for assuring public health and safety in the erection and operation of such facilities. The committee is charged with advising the Commission with regard to the safety of proposed or existing reactor facilities and the adequacy of proposed reactor safety standards. Except for security material, these reports become a part of the record of the application for a license and are available to the public.

The Philadelphia Electric Company applied on July 25, 1960, for a construction permit for the reactor which will use combined fuel-moderator elements containing enriched uranium and thorium carbide in an impervious graphite matrix. The plant has a design capacity of 40,000 electrical kilowatts.

The General Atomic Division of General Dynamics Corporation, San Diego, California, is conducting research and development

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A-155

- 2 -

work for the reactor. The Bechtel Corporation, of San Francisco, will construct the plant at the Peach Bottom site. Estimated total cost of the project is \$52,818,000, of which the AEC will contribute a maximum of \$17,000,000 for research and development and in waiver of fuel use charges.

A copy of the latest ACRS report on the reactor is attached to this announcement. Copies have also been placed in the AEC's Public Document Room, 1717 H Street, N.W., Washington, D.C.

- 30 -

Attachment

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