

Note

The attached report is
circulated for the information of
the Commission in connection with
the Discussion of the ~~WST~~
W J A C R scheduled for
2:30 P.M., Friday, Dec. 16, 1960.

Pearl Button

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AEC

Johnson
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UNITED STATES
ATOMIC ENERGY COMMISSION
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FOR IMMEDIATE RELEASE
(Tuesday, December 13, 1960)

AEC AND GENERAL ATOMIC SCHEDULE CONFERENCE
ON HIGH TEMPERATURE GAS-COOLED REACTOR

The Atomic Energy Commission is inviting organizations holding access permits to send representatives to a conference on the High Temperature Gas-Cooled Graphite Moderated Reactor (HTGR) on January 17 and 18, 1961, to be held in San Diego, Calif. The invitations for the meeting are being issued by Ellison C. Shute, Manager of the Commission's San Francisco Operations Office. The General Atomic Division of the General Dynamics Corp., San Diego, will describe the research and development work conducted on the advanced type of reactor during the conference.

The meeting is one of a series conducted by the Commission to inform industry and research groups of progress being made in the Civilian Reactor Development Program.

The HTGR is being designed and constructed under a cooperative agreement with the Commission by the Philadelphia Electric Co. and General Dynamics. The cost of design and construction of the plant will be shared by Philadelphia Electric and 51 other utilities comprising the High Temperature Reactor Development Associates, Inc. Construction is planned at Peach Bottom, Pa. by Bechtel Corp., San Francisco.

The reactor, to be owned and operated by Philadelphia Electric, is estimated to cost about \$45,000,000 of which the Commission will contribute a maximum of \$17,000,000 for research and development, and waiver of fuel charges.

(more)

The prototype reactor will utilize fuel-moderator elements containing enriched uranium and thorium carbide fuel in a graphite matrix and is designed with a power capacity of 40,000 kw. The combining of the fuel and moderator in this reactor is expected to reduce greatly the reactor size in relation to its power output.

The meeting next month will include inspection of the research and development facilities in which HTGR work is being done at General Atomics. Conferees will hear technical descriptions of the work after introductory remarks by Mr. Shute; Frederic De Hoffman, senior vice president, General Dynamics Corp. and president, General Atomic Division; Robert E. Ginna, president of the High Temperature Reactor Development Associates, Inc.; R. G. Rincliffe, president and director, Philadelphia Electric Co.; W. Kenneth Davis, vice president, Bechtel Corp.; and Robert B. Duffield, HTGR project manager, General Atomic.

Invitations will be issued within the next two weeks notifying each holder of an access permit that his organization may be represented by a maximum of two persons. The meetings will be conducted at the El Cortez Hotel, San Diego.

Robert V. Vallera, administrative coordinator, General Atomic, P. O. Box 608, San Diego 12, Calif., is handling arrangements for the conference.

(Note to Editors and Correspondents: This information is being issued simultaneously at Berkeley, Calif., by the San Francisco Operations Office of the Commission.)