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

November 4, 1957

Honorable Lewis L. Strauss
Chairman, U. S. Atomic Energy Commission
Washington 25, D. C.

Subject: PRESSURIZED WATER REACTOR

Dear Mr. Strauss:

This letter constitutes the report of the Advisory Committee on Reactor Safeguards with regard to the proposed operation of the Pressurized Water Reactor at the Shippingport Atomic Power Station. The pertinent information is contained in the reports listed on the attached sheet.

On the basis of the information presented, the Committee is convinced that adequate safeguards have been incorporated into the design and construction of the Pressurized Water Reactor and adequate operating procedures have been worked out to insure that it can be operated at designed power with an acceptably low risk to the health and safety of the public.

Inasmuch as this will be the first major nuclear power plant to be operated in this country, the Committee must emphasize that the safety of the installation depends upon competent operation and adequate administrative controls as well as the physical safeguards incorporated into the plant. It is essential that close cooperation exist between the design and operating organizations to assure a safe transition during the startup, from the initial test period through full power operation.

Sincerely yours,

/s/ C. Rogers McCullough

C. Rogers McCullough, Chairman
Advisory Committee on
Reactor Safeguards

Following is a list of reports covering the PRESSURIZED WATER REACTOR:

WAPD-SC-541 dated September 1957

WAPD-SC-542 dated October 1957

WAPD-SC-543 dated May 1957

WAPD-SC-544 dated May 1957

WAPD-SC-545 dated September 1957

WAPD-SC-546 dated September 1957

WAPD-SC-547 dated June 1957

WAPD-SC-548 dated September 1957

WAPD-SC-549 dated June 1957

WAPD-PWR-970 dated June 1957

WAPD-PWR-971 dated July 1957

WAPD-PWR-972 dated July 1957

WAPD-PWR-973 dated May 1957

WAPD-PWR-974 dated May 1957

DL-S-191 dated May 1957
