

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
United States Atomic Energy Commission  
Washington 25, D. C.

September 14, 1959

Honorable John A. McCone  
Chairman  
U. S. Atomic Energy Commission  
Washington 25, D. C.

Subject: HEAVY WATER COMPONENTS TESTING REACTOR (HWCTR)

Dear Mr. McCone:

Additional information presented by the Hazards Evaluation Branch on the Savannah River Heavy Water Components Testing Reactor was reviewed by the Advisory Committee on Reactor Safeguards at its nineteenth meeting September 10-12, 1959. Safety aspects of this reactor have been reviewed at previous meetings of the Committee based on information contained in the references cited herein.

Additional design details remain to be resolved.

However, it is the conclusion of the Advisory Committee on Reactor Safeguards that a reactor of the type and containment proposed by the du Pont Company at its Savannah River location can be constructed with reasonable assurance that it can be operated without undue risk to the health and safety of the public.

Sincerely yours,

C. Rogers McCullough  
Chairman

cc: A.R.Luedecke, GM  
H.L.Price, DL&R

Honorable John A. McCone  
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References

DPST 58-409 - Preliminary Hazards Evaluation of the  
Heavy Water Components Testing Reactor  
(HWCTR), August 1958.

DPST 59-180 - Preliminary Hazards Evaluation of the  
Heavy Water Components Testing Reactor  
(HWCTR), March 1959.

DFW-59-292 - HWCTR - Reactor Safeguards, Aug. 13, 1959.

Division of Licensing and Regulation Report to the ACRS on  
HWCTR dated June 30, 1959.

Division of Licensing and Regulation Report to the ACRS on  
HWCTR dated August 24, 1959.