

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

July 25, 1959

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

Subject: X-10 ANNEALING

Dear Mr. McCone:

The method proposed by Oak Ridge National Laboratory for the release of stored energy in the graphite of the X-10 reactor was reviewed by the Advisory Committee on Reactor Safeguards at its Seventeenth Meeting on July 23-25, 1959. Details of the planned energy release are contained in report ORNL-2725.

The Committee concurs with the Oak Ridge National Laboratory that the X-10 stored energy can be released safely by the proposed method which involves allowing the temperature of the graphite to rise slowly under carefully controlled conditions to a predetermined value higher than normal operating temperature. The energy release program will require approximately three days to complete and will be carried out at a time to be determined by the Oak Ridge National Laboratory management.

Dr. Henry W. Newson did not participate in these reviews and discussions.

Sincerely yours,

/s/  
C. Rogers McCullough  
Chairman

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

References:

ORNL-2725 - Safeguard Report on the Proposed Method of Annealing Graphite in the X-10 Reactor, 4/30/59.

Division of Licensing and Regulation Report to the ACRS on the Proposed Method of Annealing Graphite in the X-10 Reactor, 7/1/59.