

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
UNITED STATES ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

July 25, 1960

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

Subject: HIGH FLUX ISOTOPE REACTOR (HFIR)

Dear Mr. McCone:

At its twenty-seventh meeting in Washington, D. C., on July 20-22, 1960, the Advisory Committee on Reactor Safeguards considered the new site proposed for location of the High Flux Isotope Reactor (HFIR). This reactor, its confinement system and its previously proposed site were considered by the Committee at its twenty-fifth meeting. You were advised of our recommendation for an alternate site location or conventional gastight pressure containment at the original site. The Oak Ridge National Laboratory has now selected for consideration an alternate site located in Melton Valley.

Since the environmental characteristics of the new proposed site and its distance from the existing ORNL complex are both favorable, it now appears that the confinement system proposed is acceptable. The Committee believes that the proposed reactor can be constructed in the Melton Valley location with reasonable assurance that it may be operated without undue risk to the health and safety of the public or to the ORNL employees.

Doctors Gifford, Newson and Ergen did not participate in the Committee's consideration of this reactor.

Sincerely yours,

/s/

Leslie Silverman  
Chairman

To: Honorable John A. McCone  
Subject: HFIR

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References:

- (1) ORNL 60-3-33, "High Flux Isotope Reactor, A General Description," dated March 15, 1960.
- (2) Letter from J.A.Swartout, ORNL, to H.M.Roth, ORNL, subject "High Flux Isotope Reactor (HFIR), Request for Site Approval," dated June 13, 1960
- (3) Memo from S.H.Sapirie, OROO, to P.W.McDaniel, AEC, subject "HFIR Site Review" dated July 14, 1960 with enclosure; letter from J.A.Swartout, ORNL, to H.M.Roth, ORNL, subject "HFIR Site Review" dated July 5, 1960.