

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

January 15, 1959

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

Subject: CAROLINAS VIRGINIA NUCLEAR POWER PLANT, PARR, SOUTH CAROLINA

Dear Mr. McCone:

At its twelfth meeting in Washington, December 11-13, 1958, the Advisory Committee on Reactor Safeguards reviewed the characteristics of the site proposed for this reactor. The Committee considered this reactor site again at its thirteenth meeting on January 8-10, 1959. Data concerning the site were presented in the reports referenced below and discussed orally by the Hazards Evaluation Branch.

The project is for the investigation and development of a pressure tube type reactor of 60.5 megawatts (heat) capacity. Heavy water will be used as an unpressurized moderator while the light water coolant is pressurized. Containment is contemplated. The reactor will be connected with an existing steam plant.

The proposed site is located adjacent to a company-owned village of Parr, South Carolina, with a population of 58.

It is concluded that a reactor of this general type and power level as presently proposed including provision of suitable containment could be operated at this site without undue hazard to the health and safety of the public. The advisability of abandoning the village of Parr should be decided prior to the beginning of operation.

Sincerely yours,

C. Rogers McCullough
Chairman

cc: Alvin R. Luedecke, GM
Harold L. Price, DLR

Honorable John A. McCone

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January 15, 1959

Subject: Carolinas Virginia Nuclear Power Plant, Parr, South Carolina

References:

Proposal for a Power Demonstration Reactor by Carolinas Virginia Nuclear Power Associates, Inc., August 1958.

Hazards Evaluation Report to the Advisory Committee on Reactor Safeguards, December 2, 1958.

U. S. Weather Bureau comments on Preliminary Site Evaluation, Nuclear Power Plant, Parr, South Carolina, December 8, 1958.