

January 2, 1974

Mr. Daniel R. Muller
Assistant Director for
Environmental Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Serial No. 20473
LCA/EAD:cjd
Docket Nos: 50-338
50-339
50-404
50-405

Dear Mr. Muller:

In the license applications for the four nuclear units at our North Anna Power Station we described the 500 kv transmission system that will be installed as part of this project. These lines constitute the transmission system required for the delivery of power generated at the station into our system grid and for meeting the Commission's safety related requirements with respect to off-site power. As such, these lines have been reviewed by the Staff in connection with its safety evaluation and assessed with regard to their environmental effects.

In Figure B.2-1 of the Final Safety Analysis Report for Units 1 and 2, we designated a future 230 kv transmission line which would ultimately connect in the switchyard near the North Anna Power Station. At the time the FSAR was filed, our management had not reached a final decision as to when to go ahead with this line. It has now decided to proceed so that the line will be available in 1976.

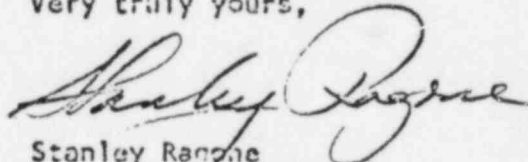
Our preferred line route extends in a southwesterly direction, passing north of Mineral, Virginia and south of Louisa, Virginia, fourteen miles to a connection with an existing line at the Louisa substation near Gordonsville, Virginia. This line's purpose will be to reinforce our electric service to our customers in southside Virginia and to serve as an alternate source of supply should we experience an interruption to the existing line.

We plan to meet in the very near future with the appropriate State and County agencies when our refined route selection efforts, which include consideration of environmental effects, are complete. We expect to secure the necessary State and local approvals in time to ensure that the line can be operational by 1976.

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In our judgment, this line does not constitute a part of the North Anna "utilization facility." It is not necessary, as are the 500 kv lines, either to carry power away from the station or to provide the off-site power required under the AEC's safety criteria. In short, the Station is not dependent on it in any way. The line is designed to provide badly needed reinforcement to southside Virginia, a need that is entirely independent of the existence of the North Anna Power Station. We have concluded, therefore, that the proposed line need not be evaluated in an amendment to the Applicant's Environmental Report, Operating License Stage for North Anna Units 1 and 2. We felt it appropriate, however, to inform you of this proposed extension to our transmission network.

Very truly yours,



Stanley Ragone
Senior Vice President

cc: Messrs. L. D. Johnson
E. A. Baum ✓
D. Wadsworth Bugg, Jr.
M. W. Haupin