



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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1981 JAN 6 AM 10 51

REGISTRATION  
SERVICES

Docket Nos. 50-424  
and 50-425

DEC 19 1980

Mr. W. E. Ehrensperger  
Senior Vice President  
Power Supply  
Georgia Power Company  
P. O. Box 4545  
Atlanta, Georgia 30302

Dear Mr. Ehrensperger:

SUBJECT: REQUEST FOR INFORMATION TO ASSESS THE NEED FOR POWER FROM VOGTLE  
NUCLEAR POWER PLANT, UNITS 1 AND 2

By a petition dated September 25, 1980, Mr. Gary Flack, on behalf of Georgians Against Nuclear Energy (GANE), requested that a proceeding be instituted to assess the need for power from the Vogtle Nuclear Power Plant, Units 1 and 2, and to assess the need for a supplemental Environmental Impact Statement in light of new forecasts for electricity demand submitted by Georgia Power Company to the Georgia Public Service Commission. The NRC issued a notice on October 21, 1980, stating that the above petition is being treated as a request for action under 10 CFR 2.206 of the Commission's regulations, and accordingly, action will be taken on the petition within a reasonable time.

Enclosed is a request for information which the NRC requires in order to complete its evaluation of the merits of the above petition. Therefore, pursuant to 10 CFR 50.54(f) of the Commission's regulations, please submit under oath or affirmation the information requested or reference earlier submittals, updating the latter where necessary, to provide a full, adequate and current response for our review. Your response to the enclosed request for information should be submitted within four (4) weeks. Should you have questions concerning this request, please contact us.

Sincerely,

Robert L. Tedesco  
Assistant Director for Licensing  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

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Mr. W. E. Ehrensperger  
Senior Vice President  
Power Supply  
Georgia Power Company  
P. O. Box 4545  
Atlanta, Georgia 30302

DEC 19 1980

cc: Mr. L. T. Gucwa  
Chief Nuclear Engineer  
Georgia Power Company  
P. O. Box 4545  
Atlanta, Georgia 30302

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ENCLOSURE

REQUEST FOR INFORMATION

VOGTLE NUCLEAR POWER PLANT, UNITS 1 & 2

DOCKET NOS: 50-424 AND 50-425

1. Provide the following information for the Vogtle station:
  - a- The scheduled on-line commercial operating dates for each Vogtle unit and your expectations for meeting these dates.
  - b- The latest official capital cost estimate for the plant
  - c- The total expenditures to date, broken down into the classifications of: (1) construction expenses at the site; (2) purchases of plant components and equipment; (3) engineering, licensing, and regulatory expenses; and (4) all other expenses. Indicate those elements of the total cost to date that would not be recovered if construction of the Vogtle facility is halted.
  - d- Estimates of the fuel, and operation and maintenance costs for the first year of operation of each unit, expressed in 1980 and current (as of 1st year of operation) dollars. Indicate all underlying assumptions.
2. For the year 1980 to date, show by fuel type (i.e., coal, oil, gas, nuclear, hydro, etc.) the Mwh's of electrical energy generated by each fuel to meet Georgia territorial energy requirements.
3. Provide Georgia territorial system's peak load demand and energy sales for the years 1973 through 1980. For 1980, provide the actual energy sales plus the projected sales for the remainder of the year.
4. Provide the latest official projections relevant to the Georgia territorial system of: (a) annual peak demand; (b) energy sales; (c) capacity at time of system peak; (d) firm and non-firm sales and purchases; and (e) the resulting system reserve margin for the years 1981 until five years after the last Vogtle unit is scheduled to come on-line. In responding, indicate the annual adjustments to the system peak demand and capacity due to scheduled outside purchases and sales.

5. Indicate all planned capacity changes on the Georgia territorial system, including changes in ratings, retirements, and additions from 1980 to five years after the last Vogtle unit is due on-line. For all units scheduled to be added, indicate the status of construction along the following or similar lines:
  - a- The early planning stage at which the site and energy source has not yet been identified.
  - b- The plant site is known and engineering design for the plant has begun but no construction has started. (Provide an estimate of the dollar spent for each plant in this category).
  - c- The plant is currently under construction. Indicate the percentage completion of the plant and provide an estimate of the dollars spent for each plant in this category.
6. Provide an estimate of the current and projected reserve margin requirements needed to maintain minimum system reliability, including the basis for your estimates.
7. If the need for the Vogtle plant in the time frame proposed is based upon factors other than reliability (e.g., a need for baseload capacity, fuel substitution, fuel diversity, economic considerations, etc.), please provide a discussion as to how such factors provide a basis for this need.
8. List and discuss the status of all efforts to purchase or sell electrical power between the Georgia Power Company and other electrical generating utilities. Describe the contracts in effect and under negotiation.