

March 5, 1991

Docket Nos. 50-321
and 50-366

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Mr. W. G. Hairston, III
Senior Vice President -
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Georgia Power Company
P.O. Box 1295
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Dear Mr. Hairston:

SUBJECT: SAFETY EVALUATION OF STATION BLACKOUT - E. I. HATCH NUCLEAR
PLANT, UNITS 1 AND 2 (TACS 68553/68554)

By letters dated April 12, 1989, and March 27, 1990, and supporting documentation provided on August 29, 30 and in September 1989, Georgia Power Company submitted Hatch Plant responses to the Station Blackout (SBO) rule. The responses were reviewed by an NRC contractor, Science Applications International Corporation (SAIC), and the NRC staff. Enclosure 1 contains our Safety Evaluation (SE) of your responses. The associated SAIC Technical Evaluation Report, SAIC-89/1152, "E. I. Hatch Units 1 and 2 Station Blackout Evaluation," is contained in Attachment 1 to Enclosure 1.

The staff finds that the Hatch Plant does not conform with the SBO rule and the guidance of Regulatory Guide 1.155, and therefore recommends that you reevaluate the areas of concern that have been identified in this SE. Your revised responses should be submitted 60 days from the date of this letter.

Sincerely,

Kahtan N. Jabbour, Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation and
SAIC Technical Evaluation Report

cc w/encl:
See next page

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NAME	: B. Clayton	: K. Jabbour	: D. Matthews	:	:	:
DATE	: 3/5/91	: 3/5/91	: 3/5/91	:	:	:

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Georgia Power Company

Edwin I. Hatch Nuclear Plant,
Units Nos. 1 and 2

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