

J. T. Beckham, Jr.  
Vice President - Nuclear  
Hatch Project



April 12, 1996

Docket No. 50-321  
50-366

HL-5142

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Edwin I. Hatch Nuclear Plant  
Response to Generic Letter 96-01  
Testing of Safety-Related Logic Circuits

Ladies and Gentlemen:

On January 10, 1996, the Nuclear Regulatory Commission (NRC) issued Generic Letter 96-01, entitled, "Testing of Safety-Related Logic Circuits." The purpose of the generic letter is to assure compliance with the plant-specific technical specifications requirements to adequately test actuation logic circuitry required for post accident mitigation. The generic letter requested licensees to take the following actions:

1. Compare electrical schematic drawings and logic diagrams for the reactor protection system, EDG load shedding and sequencing, and actuation logic for the engineered safety features systems against plant surveillance test procedures to ensure that all portions of the logic circuitry, including the parallel logic, interlocks, bypasses, and inhibit circuits, are adequately covered in the surveillance procedures to fulfill the technical specification requirements. This review should also include relay contacts, control switches, and other relevant electrical components within these systems, utilized in the logic circuits performing a safety function.
2. Modify the surveillance procedures as necessary for complete testing to comply with the technical specifications. Additionally, the licensee may request an amendment to the technical specifications if relief from certain testing requirements can be justified.

The generic letter acknowledged that some licensees have already performed the requested reviews and taken appropriate corrective actions. For these cases, modifications that have been made to the logic circuits for the subject systems should be reviewed to ensure adequate testing is maintained. Further, the generic letter requested completion of these actions prior to startup from the first refueling outage commencing one year after the date of the letter.

The generic letter originally requested a response within 60 days. However, by letter dated February 14, 1996, to the Nuclear Energy Institute (NEI), the NRC extended the response until April 18, 1996.

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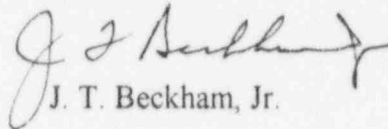
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In response, Georgia Power Company (GPC) has previously performed the requested reviews and implemented corrective actions as necessary. A comprehensive review was performed from 1989 through 1991 to verify that surveillance procedures properly implemented technical specification testing requirements. The scope of the previous review has been verified as consistent with the scope of the requested actions. Specifically, the review included a comparison of electrical schematic drawings and logic diagrams for the Reactor Protection System, Diesel Generator load shedding and load sequencing, and actuation logic for the emergency core cooling systems (ECCS) as defined in the Technical Specifications. The review included relay contacts, control switches, and appropriate electrical components.

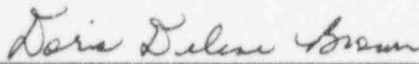
GPC will perform a review of modifications to the logic circuits for the above systems that have been implemented subsequent to the previous review. The review and any required actions for Unit 1 will be completed prior to startup of Unit 1 from the Fall 1997 refueling outage. Actions for Unit 2 will be completed prior to startup from the Spring 1997 refueling outage. As requested in the generic letter, a response confirming completion of the review of subsequent modifications will be submitted within 30 days of completion.

Mr. J. T. Beckham, Jr. states he is Vice President of Georgia Power Company and is authorized to execute this oath on behalf of Georgia Power Company, and to the best of his knowledge and belief, the facts set forth in this letter are true.

Sincerely,

  
J. T. Beckham, Jr.

Sworn to and subscribed before me this 12<sup>th</sup> day of April, 1996.



Notary Public

NOTARY PUBLIC STATE OF GEORGIA

JKB/eb

cc: (See next page.)

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cc: Georgia Power Company  
Mr. H. L. Sumner, Nuclear Plant General Manager  
NORMS

U. S. Nuclear Regulatory Commission, Washington D. C.  
Mr. K. Jabbour, Licensing Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II  
Mr. S. D. Ebnetter, Regional Administrator  
Mr. B. L. Holbrook, Senior Resident Inspector - Hatch