



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

May 4, 1988

Docket No.: 50-321

Mr. R. P. McDonald  
Executive Vice President -  
Nuclear Operations  
Georgia Power Company  
P.O. Box 4545  
Atlanta, Georgia 30302

Dear Mr. McDonald:

SUBJECT: REACTOR WATER CLEANUP SYSTEM TEMPERATURE ISOLATION SETPOINTS  
(TAC 62758)

Re: Hatch Nuclear Station, Unit 1

On August 10, 1987, the NRC issued Amendment No. 144 to the operating license for the Edwin I. Hatch Nuclear Plant, Unit 1, authorizing an increase in the setpoint for isolation of the Reactor Water Cleanup System (RWCU) upon detection of high ambient temperature in the RWCU equipment rooms. The authorized change to the temperature setpoint was based upon information provided in your letter of August 25, 1986 as supplemented by information provided in your letter of January 23, 1987.

On October 26, 1987, you notified us that while in the process of implementing the authorized change a question had arisen regarding the adequacy of the analysis used to support the change for Unit 1. (The original analysis had used the design curves for Unit 2 as being applicable to Unit 1 also.) Accordingly, your October 26, 1987 letter stated that the setpoint change would not be implemented on Unit 1 until you had checked the adequacy of the analysis, resolved any discrepancies, and had obtained the concurrence of the NRC.

On April 28, 1988, you notified us that your architect/engineers had completed a plant specific analysis for Unit 1 and had determined that the originally requested setpoint change could be justified using the plant specific data. Equipment qualification temperatures and reactor coolant inventory loss values for Unit 1, based upon the plant specific analysis, were at or below the values which were previously reported based upon the Unit 2 curves used in the initial calculations. Accordingly, you requested NRC concurrence to proceed with implementation of the setpoint change.

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PDR ADOCK 05000321  
P PDR

Mr. R. P. McDonald  
Georgia Power Company

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

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Mr. R. P. McDonald

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As stated in your letter of January 23, 1987, the design curves for Unit 2 bound those for Unit 1 and could be conservatively used to determine the allowable setpoint increase. Your letter of April 28, 1988 confirms that this is indeed the case. Therefore, the NRC concurs with your proposal to proceed with implementation of the setpoint change as authorized by Amendment No. 144.

Sincerely,

Original signed by:

Lawrence P. Crocker, Project Manager  
Project Directorate II-3  
Division of Reactors Project - I/II

cc:  
See next page

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