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Georgia Power

*the southern electric system*

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

March 12, 1993

Docket Nos. 50-321  
50-366

HL-3181  
004979

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

Edwin I. Hatch Nuclear Plant  
Completion of  
Emergency Response Data System Implementation

Gentlemen:

By letter dated October 25, 1991, Georgia Power Company (GPC) submitted a program plan for implementation of the Emergency Response Data System (ERDS) by February 13, 1993 to meet the requirements of 10 CFR 50, Appendix E, Section VI. The purpose of this letter is to provide notification of completion of ERDS implementation for Plant Hatch Units 1 and 2 as described in the program plan.

The final data transfer tests with the NRC were successfully completed for Plant Hatch Units 1 and 2 on February 9, 1993. The emergency plan implementing procedures concerning activation of the ERDS were revised effective February 13, 1993. The engineering procedure concerning ERDS software control was revised effective January 18, 1993. The surveillance procedure concerning quarterly operational testing of the ERDS is currently in the revision process and will be effective prior to performance of the first quarterly test, which is scheduled for May 6, 1993. Plant Hatch is in full compliance with the requirements of 10 CFR 50, Appendix E, Section VI.

By letter dated March 11, 1992, GPC submitted the ERDS Data Point Libraries (DPL) for Plant Hatch Units 1 and 2 as described in Appendix C of NUREG-1394, Revision 1. Since then, a discrepancy was discovered in a piece of information contained in DPL sheet number 10 of 30 for RPV water level, identified as NRC ERDS Parameter "REAC VES LEV." The line identified as "Alarm or Trip Setpoints" includes the entry "TAF=-164" (inches)." This entry indicates the elevation of the top of active fuel is 164 inches below instrument zero. This elevation is actually 158 inches below instrument zero, and the entry should read "TAF=-158" (inches)." Copies of the revised DPL sheets for Units 1 and 2 are enclosed.

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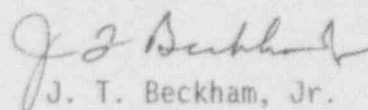
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March 12, 1993

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Please contact this office if you have any questions.

Sincerely,

  
J. T. Beckham, Jr.

MCM/cr

Enclosures:

- 1) Data Point Library, Sheet 10 - Unit 1
- 2) Data Point Library, Sheet 10 - Unit 2

cc: Georgia Power Company  
Mr. H. L. Sumner, General Manager - Nuclear Plant  
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. L. D. Wert, Senior Resident Inspector - Hatch

E.I.Hatch Unit 1  
NRC - Emergency Response Data System  
Data Point Library

10 of 30

Date: March 12, 1993

Reactor Unit: HT1

Data Feeder: N/A

NRC ERDS Parameter: REAC VES LEV

Point I.D.: RWL

Plant-Specific Point Description: RPV WATER LEVEL

Generic/Condensed Description: REACTOR VESSEL WATER LEVEL

Analog/Digital : A

Engineering Units or Digital States: INCHES

Engineering Units Conversion : REFERENCE = INSTRUMENT ZERO

Minimum Instrument Range: -317 INCH

Maximum Instrument Range: +400 INCH

Zero Reference Point: COMPLX

Reference Point Notes: INSTR ZERO IS BOTTOM OF STEAM DRYER

Proc or Sens: P

Number of Sensors: 13

How Processed: NORMAL- WEIGHTED AVG / NOT NORM- NUM AVG

Sensor Locations: TRANSMITTERS OUT OF DRYWELL/REF LEGS IN

Alarm or Trip Setpoints: HI=42"+50 PSIG RX PRESS; LO=32 TAF=-158"

NI Detector Power Supply Cut-Off Power Level: N/A

NI Detector Power Supply Turn-On Power Level: N/A

Instrument Failure Mode: N/A

Temperature Compensation  
for DP Transmitters: Y

Level Reference Leg: WET

Unique System Description:

5 OVERLAPPING RANGES, -317 TO -17, -317 TO 60, -150 TO 60, 0 TO 60, 0 TO 400 INCHES MEASURED BY 13 INSTRUMENTS. EACH INPUT COMPENSATED FOR DRYWELL TEMP AND RX WTR DENSITY CHANGE . IF COMPENSATION DATA IS NOT AVAILABLE NUMERICAL AVERAGING IS USED. QUALITY TAGS USED= 0; 2 = (ONLY 0 TO 400" BEING USED AND NOT IN REFUEL OR SHUTDOWN; ONLY 1 INST AVAIL / NOT 0 TO 400 / AND LEVEL NOT HI/LO);3. ALARM SET POINTS PROVIDED : HI/LO COMMON FLAG TO OPERATOR / NO QUALITY TAG PROVIDED.

E.I.Hatch Unit 2  
NRC - Emergency Response Data System  
Data Point Library

10 of 30

Date: March 12, 1993

Reactor Unit: HT2

Data Feeder: N/A

NRC ERDS Parameter: REAC VES LEV

Point I.D.: RWL

Plant-Specific Point Description: RPV WATER LEVEL

Generic/Condensed Description: REACTOR VESSEL WATER LEVEL

Analog/Digital : A

Engineering Units or Digital States: INCHES

Engineering Units Conversion : REFERENCE = INSTRUMENT ZERO

Minimum Instrument Range: -317 INCH

Maximum Instrument Range: +400 INCH

Zero Reference Point: COMPLX

Reference Point Notes: INSTR ZERO IS BOTTOM OF STEAM DRYER

Proc or Sens: P

Number of Sensors: 13

How Processed: NORMAL- WEIGHTED AVG / NOT NORM- NUM AVG

Sensor Locations: TRANSMITTERS OUT OF DRYWELL/REF LEGS IN

Alarm or Trip Setpoints: HI=42"+50 PSIG RX PRESS; LO=32 TAF=-158"

NI Detector Power Supply Cut-Off Power Level: N/A

NI Detector Power Supply Turn-On Power Level: N/A

Instrument Failure Mode: N/A

Temperature Compensation  
for DP Transmitters: Y

Level Reference Leg: WET

Unique System Description:

5 OVERLAPPING RANGES, -317 TO -17, -317 TO 60, -150 TO 60, 0 TO 60, 0 TO 400 INCHES MEASURED BY 13 INSTRUMENTS. EACH INPUT COMPENSATED FOR DRYWELL TEMP AND RX WTR DENSITY CHANGE. IF COMPENSATION DATA IS NOT AVAILABLE NUMERICAL AVERAGING IS USED. QUALITY TAGS USED= 0, 2 = (ONLY 0 TO 400" BEING USED AND NOT IN REFUEL OR SHUTDOWN, ONLY 1 INST AVAIL / NOT 0 TO 400 / AND LEVEL NOT HI/LO); 3. ALARM SET POINTS PROVIDED : HI/LO COMMON FLAG TO OPERATOR / NO QUALITY TAG PROVIDED.