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HL-5404

Docket Nos. 50-321  
50-366

May 30, 1997

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

Edwin I. Hatch Nuclear Plant  
10 CFR 50, Appendix E, Section VI.3.a.  
Notification of Changes to Emergency Response Data System

Gentlemen:

In accordance with 10 CFR 50, Appendix E, Section VI.3.a, a description of changes to the Emergency Response Data System (ERDS) Data Point Library Reference File is being provided in the enclosure in the format required by NUREG-1394, Revision 1. The changes described were implemented on May 2, 1997, as the result of installing a power range neutron monitoring system.

Should you have questions in this regard, please contact this office.

Sincerely,

H. L. Sumner, Jr.

DLM/eb

Enclosure: Data Point Library Reference File

cc: Southern Nuclear Operating Company  
Mr. P. H. Wells, Nuclear Plant General Manager  
NORMS

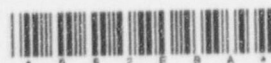
U. S. Nuclear Regulatory Commission, Washington, D. C.  
Mr. K. Jabbour, Licensing Project Manager - Hatch

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

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Enclosure

Edwin I. Hatch Nuclear Plant  
DATA POINT LIBRARY REFERENCE FILE

Date: 5/2/97  
Reactor Unit: HT2  
Data Feeder: N/A  
NRC ERDS Parameter: NI POWER RNG  
Point ID: APRM  
Plant Spec Point Desc.: APRM AVERAGE READING - % POWER  
Generic/Cond Desc.: PROC INST PWR RNG  
Analog/Digital: A  
Engr Units/Dig States: % (PERCENT)  
Engr Units Conversion: 1% = 1 PERCENT POWER  
Minimum Instr Range: 0  
Maximum Instr Range: 125  
Zero Point Reference: N/A  
Reference Point Notes: 124 FISS CHMBS AVERAGED BY 4 APRM NUMACS  
PROC or SENS: P  
Number of Sensors: 4  
How Processed: NUMERICAL AVERAGE OF APRM NUMACS  
Sensor Locations: FISS CHMBR IN 4 CORE QUADS AT 4 HEIGHTS  
Alarm/Trip Set Points: SCRAM = FLOW BIAS CLAMP = 113.5%; 118%; 15% HI  
NI Detector Power Supply  
Cut-off Power Level: DOWNSCALE = 3%  
NI Detector Power Supply  
Turn-on Power Level: GREATER THAN 3%  
Instrument Failure Mode: LOW = 3%; .LE. 16 LPRMS; POWER  
Temperature Compensation  
For DP Transmitters: N  
Level Reference Leg: N/A  
Unique System Desc.:  
APRM READINGS ARE NUMERICALLY AVERAGED FOR VALU<sup>7</sup>. QUAL TAGS  
USED = 0; =2(LESS THAN 3 APRMS AVAIL AND READING NOT AT  
TRIP POINT); =3 NO APRMS AVAIL; =6(APRMS AVERAGE POWER GE.  
SET POINT). TRIP SET POINTS ARE BIASED IN THE RUN MODE FOR  
RECIRC FLOW; CLAMP AT 113.5%; TIME DELAY FOR THIS TRIP.  
HI POWER TRIP (NO BIAS, NO DELAY) = 118%. UNIT OUT OF RUN  
MODE SET POINT = 15%. NO QUALITY TAG FOR 118%TRIP.