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Vice President
Hatch Project

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Energy to Serve Your World™

NL-05-0983

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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant – Units 1 and 2
Notification of Change in the Emergency Response Data System Data Point Library

Ladies and Gentlemen:

This letter serves as notification of a change to the Hatch Units 1 and 2 Emergency Response Data System (ERDS) Data Point Library, per the requirements of 10 CFR 50, Appendix E, VI.3.a.

Specifically, the high drywell and torus hydrogen setpoint for Unit 1 ERDS Data Point Library A-44047 is changing from 2.5% to 1.5%. This is NRC ERDS parameter H2 CONC. The Point I.D. for the drywell hydrogen setpoint is H2D, and the Point I.D. for the torus hydrogen setpoint is H2T. The changes are being made to the same parameter and Point I.D.s on the Unit 2 ERDS, drawing A-51672.

Additionally, changes are made to each Unit's system description to correct the definitions of the Status Codes.

Attached is a mark-up of the changes.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,


H. L. Sumner, Jr.

HLS/OCV/daj

Enclosure: Mark-ups of Units 1 and 2 NRC-ERDS Data Point Pages

A026

U. S. Nuclear Regulatory Commission

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cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. G. R. Frederick, General Manager – Plant Hatch
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Mr. C. Gratton, NRR Project Manager – Hatch
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch

Enclosure

**Edwin I. Hatch Nuclear Plant - Units 1 and 2
Notification of Change in the Emergency Response Data System Data Point Library
Mark-up of Emergency Response Data System Pages**

E. I. Hatch Unit 1
NRC - EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY A-44047 Rev. 04

Date: 2/11/92
Reactor Unit: HTI
Data Feeder: N/A
NRC ERDS Parameter: H2 CONC
Point ID.: H2D
Plant-Specific Point Description: HYDROGEN CONC. (DRYWELL)
Generic/ Condensed Description: DW HYDROGEN CONC.
Analog/Digital: A
Engineering Units or Digital States: % (PERCENT)
Engineering Units Conversion: POLYNOM 1% = 1% H2
Minimum Instrument Range: 0
Maximum Instrument Range: 30
Zero Reference Point: N/A
Reference Point Notes: 2 RNG (0 TO 10)/(0 TO 30) ONLY WIDE USED
Proc or Sens: P
Number of Sensors: 2
How Processed: HIGHEST IF BOTH SAMPLING SAME POINT
Sensor Locations: DW EXTERNAL SAMPLE LINES
Alarm or Trip Setpoints: ~~2.5%~~ HI
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: N
Level Reference Leg: N/A

1.5%

Unique System Description:
2 INSTRUMENTS, EACH MEASURING H2 AND O2, CAN BE ALIGNED BOTH TO SUPP CHAMB, BOTH TO DW, OR 1 TO DW AND 1 TO SUPP CHAMB. AVAIL= SENSORS (INST) ALIGNED TO SMPL PT; IN ANALYZE OR LOCA OVERRIDE; SENSORS NOT OUT OF CONVERSION RNG. QUAL PTS = 0 (BOTH H2 SENSORS AVAIL ~~DIFF BETWEEN 2 IS ACCEPT~~ - IF A VAL .GE. B USE A, ELSE USE B IF BOTH ALIGNED TO SAME PT, ELSE USE INDIV VAL / VAL NOT HI); = 2 (1 SENSOR AVAIL VAL NOT HI; ~~2 SENSORS AVAIL DIFF NOT ACCEPT~~ VAL USED NOT HI); = 3 (NO SENSORS AVAIL OR SENSORS SAMPLING SAME POINT THEREFORE OTHER POINT NOT AVAIL BY DEFAULT); = 6 (VALUE PROVIDED=HI)

IF BOTH ALIGNED TO SAME SOURCE

E. I. Hatch Unit 1
NRC - EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY A-44047 Rev. 04

Date: 2/11/92
Reactor Unit: HT2
Data Feeder: N/A
NRC ERDS Parameter: H2 CONC
Point I.D.: H2T
Plant-Specific Point Description: HYDROGEN CONC. (TORUS)
Generic/ Condensed Description: TORUS HYDROGEN CONC.
Analog/Digital: A
Engineering Units or Digital States: % (PERCENT)
Engineering Units Conversion: POLYNOM 1% = 1% H2
Minimum Instrument Range: 0
Maximum Instrument Range: 30
Zero Reference Point: N/A
Reference Point Notes: 2 RNG (0 TO 10)/(0 TO 30) ONLY WIDE USED
Proc or Sens: P
Number of Sensors: 2
How Processed: HIGHEST IF BOTH SAMPLING SAME POINT
Sensor Locations: SUPP CHAMBER EXTERNAL SAMPLE LINES
Alarm or Trip Setpoints: ~~1.5%~~ HI
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: N
Level Reference Leg: N/A

1.5%

Unique System Description:
2 INSTRUMENTS, EACH MEASURING H2 AND O2, CAN BE ALIGNED BOTH TO SUPP CHAMB, BOTH TO DW, OR 1 TO DW AND 1 TO SUPP CHAMB. AVAIL = SENSORS (INST) ALIGNED TO SMPL PT; IN ANALYZE OR LOCA OVERRIDE; SENSORS NOT OUT OF CONVERSION RNG. QUAL PTS 0 (BOTH H2 SENSORS AVAIL ~~DIFF BETWEEN 2 IS ACCEPT~~ IF A VAL .GE. B USE A, ELSE USE B IF BOTH ALIGNED TO SAME PT, ELSE USE INDIV VAL / VAL NOT HI); =2 (1 SENSOR AVAIL VAL NOT HI; ~~2 SENSORS AVAIL, DIFF NOT ACCEPT~~ IF BOTH ALIGNED TO SAME SOURCE VAL USED NOT HI); = 3 NO SENSORS AVAIL OR SENSORS SAMPLING SAME POINT THEREFORE OTHER POINT NOT AVAIL BY DEFAULT); = 6 (VALUE PROVIDED=HI).

IF BOTH ALIGNED TO SAME SOURCE

E. I. Hatch Nuclear Plant - Unit 2
 NRC - EMERGENCY RESPONSE DATA SYSTEM
 DATA POINT LIBRARY A-51672 Ver. 7.0

Date: 8/11/04
 Reactor Unit: HT2
 Data Feeder: N/A
 NRC ERDS Parameter: H2 CONC
 Point I. D.: H2D
 Plant-Specific Point Description: HYDROGEN CONC. (DRY WELL)
 Generic/Condensed Description: DW HYDROGEN CONC.
 Analog/Digital: A
 Engineering Units or Digital States: % (PERCENT)
 Engineering Units Conversion: POLYNOM 1% = 1% H2
 Minimum Instrument Range: 0
 Maximum Instrument Range: 30
 Zero Reference Point: N/A
 Reference Point Notes: 2 RNG (0 TO 10)/(0 TO 30)
 Proc or Sens: P
 Number of Sensors: 2
 How Processed: HIGHEST IF BOTH SAMPLING SAME POINT
 Sensor Locations: DW EXTERNAL SAMPLE LINES
 Alarm or Trip Setpoints: ~~2.5%~~ HI
 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: N
 Level Reference Leg: N/A
 Unique System Description:

1.5%

2 INSTRUMENTS, EACH MEASURING H2 AND O2, CAN BE ALIGNED BOTH TO SUPP CHAMB, BOTH TO DW, OR 1 TO DW AND 1 TO SUPP CHAMB. AVAIL= SENSORS (INST) ALIGNED TO SMPL PT; IN ANALYZE OR LOCA OVERRIDE; SENSORS NOT OUT OF CONVERSION RNG. QUAL PTS = 0 (BOTH H2 SENSORS AVAIL ~~DIFF BETWEEN 2 IS ACCEPT~~ IF A VAL .GE. B USE A, ELSE USE B IF BOTH ALIGNED TO SAME PT, ELSE USE INDIV VAL / VAL NOT HI); 2 (1 SENSOR AVAIL VAL NOT HI; ~~2 SENSORS AVAIL~~ ~~DIFF NOT ACCEPT~~ / VAL USED NOT HI); = 3 (NO SENSORS AVAIL OR SENSORS SAMPLING SAME POINT THEREFORE OTHER POINT NOT AVAIL BY DEFAULT); = 6 (VALUE PROVIDED=HI).

IF BOTH ALIGNED TO SAME SOURCE

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IF BOTH ALIGNED TO SAME SOURCE