



APR 02 2002

SERIAL: BSEP 02-0073

10 CFR 50, Appendix E

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
NOTIFICATION OF EMERGENCY RESPONSE DATA SYSTEM MODIFICATION

Ladies and Gentlemen:

On June 9, 1992 (Serial: NLS-92-140), Carolina Power & Light Company submitted the Emergency Response Data System (ERDS) Data Point Library for the Brunswick Steam Electric Plant, Units 1 and 2. In accordance with 10 CFR 50, Appendix E, Section VI.3.a, this letter provides notification of a change to a transmitted data point in the Unit 1 ERDS Data Point Library. As a result of installation of a new digital Power Range Neutron Monitoring (PRNM) system on Unit 1, the number of Average Power Range Monitor (APRM) inputs to data point C51C0010, "NI POWER RNG," was changed from six to four. This change was made on March 27, 2002. Additionally, it was noted that the "Engr Units Conversion" field required updating to accurately reflect rated thermal power of the units. The Enclosure to this letter provides: (1) an updated Data Point Library Reference File sheet for Unit 1, revising the "Number of Sensors" field and the "Engr Units Conversion" field, and (2) an updated Data Point Library Reference File sheet for Unit 2, revising only the "Engr Units Conversion" field.

Please refer any questions regarding this submittal to Mr. Leonard R. Beller, Supervisor - Licensing/Regulatory Programs, at (910) 457-2073.

Sincerely,

David C. DiCello
Manager - Regulatory Affairs
Brunswick Steam Electric Plant

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Enclosure:

Revised Data Point Library File Sheets - Units 1 and 2 - Data Point C51C0010

cc:

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ENCLOSURE

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
NOTIFICATION OF EMERGENCY RESPONSE DATA SYSTEM MODIFICATION

REVISED DATA POINT LIBRARY FILE SHEETS - UNITS 1 AND 2
DATA POINT C51C0010

DATA POINT LIBRARY REFERENCE FILE

Date:	05/27/02
Reactor Unit:	BK1
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	C51C0010
Plant Spec Point Desc.:	RX VALIDATED POWER - - READOUT
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	Linear (APRM reading); 1% = 25.58 MWt
Minimum Instr Range:	0.00E+00
Maximum Instr Range:	0.125E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	4 (APRM inputs)
How Processed:	APRM Weighted average * Gain Adj Factor
Sensor Locations:	APRM signals to Control Room meters
Alarm/Trip Set Points:	LOW = 0.300E+1
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, need ≥ 2 inputs for GOOD
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc.:	Gain Adj Factor is processed from various heat-balance related sensors. APRM input points default to actual values when inputs exceed signal ranges.

DATA POINT LIBRARY REFERENCE FILE

Date:	05/27/02
Reactor Unit:	BK2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	C51C0010
Plant Spec Point Desc.:	RX VALIDATED POWER - - READOUT
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	Linear (APRM reading); 1% = 25.58 MWt
Minimum Instr Range:	0.00E+00
Maximum Instr Range:	0.125E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	6 (APRM inputs)
How Processed:	APRM Weighted average * Gain Adj Factor
Sensor Locations:	APRM signals to Control Room meters
Alarm/Trip Set Points:	LOW = 0.300E+1
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, need ≥ 2 inputs for GOOD
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc.:	Gain Adj Factor is processed from various heat-balance related sensors. APRM input points default to actual values when inputs exceed signal ranges.