



April 10, 2007

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 2; Docket No. 50-318
Emergency Response Data System

The attached revision to the Emergency Response Data System (ERDS) Data Point Library for the Calvert Cliffs Nuclear Power Plant is provided pursuant to 10 CFR Part 50, Appendix E, Section VI.3.a.

The table below provides a brief summary of the changes:

Point Identifier	Unit	Description	Previous Sensor Location	New Sensor Location
SP2I12	2	Reactor Vessel Level	185 inches	160 inches
SP2I12	2	Reactor Vessel Level	153 inches	151 inches

The "before" and "after" ERDS Data Point Library sheets are attached.

Should you have questions regarding this matter, please contact Mr. Jay S. Gaines at (410) 495-5219.

Very truly yours,

A handwritten signature in black ink, appearing to read "Edward N. Schinner".

Edward N. Schinner
Director – Emergency Planning

ENS/CAN/bjd

Attachment: Emergency Response Data System Data Point Library (2 pages)

cc: D. V. Pickett, NRC
S. J. Collins, NRC
Resident Inspector, NRC

R. I. McLean, DNR
J. R. Jolicoeur, NRC

A026

ATTACHMENT (1)

EMERGENCY RESPONSE DATA SYSTEM

DATA POINT LIBRARY

PWR Data Point Library Reference File

Report Date : 06-08-2006

Page : 2

Date: 11/4/1992

Reactor Unit: CC2

Data Feeder: CC21

NRC ERDS Parameter: REC VES LEV

Point ID: SP2I12

Plant Specific Point Description: REACTOR VESSEL LEVEL

Generic / Condition Description: REACTOR VESSEL WATER LEVEL

Analog / Digital: A

ENGR Units / Digital States: INCHES

ENGR Units Conversion: N/A

Minimum Instrument Range: N/A

Maximum Instrument Range: N/A

Zero Point Reference: FAP

Reference Point Notes N/A

Proc or Sens: P

Number of Sensors: 32

How Processed: RE:USD (REFERENCE UINQ SYS DESC)

Sensor Locations 185,153,112,71,50,29,19, & 10" ABOVE FAP

Alarm / Trip Setpoints: VOID DETECTED

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: 8 HEATED JUNCTION THERMOCOUPLES (HJTC) ARE SPACED STRATEGICALLY IN A VACANT CEA SHROUD ASSEMBLY NEAR THE VICINITY OF ONE HOT LEG OUTLET NOZZLE. AS HJTC IS UNCOVERED THE LVL THAT THE REACTOR HEAD IS UNCOVERED IS INDICATED IN INCREMENTAL STEPS. THE 1ST HJTC IS 185" FROM TOP OF FUEL ALIGNMENT PLATE(FAP); 8TH HJTC IS 10" FROM FAP; 5TH HJTC IS 50" FROM FAP WHICH IS THE CENTER LINE OF THE HOT LEGS. HOW PROCESSED: WHEN LVL DECREASES A VOID IN THE HJTC WILL PROVIDE AN OUTPUT SIGNAL FOR THAT SPECIFIC HJTC POSITION.

PWR Data Point Library Reference File

Report Date : 03-13-2007

Page : 2

Date: 3/12/2007

Reactor Unit: CC2

Data Feeder: CC21

NRC ERDS Parameter: REC VES LEV

Point ID: SP2I12

Plant Specific Point Description: REACTOR VESSEL LEVEL

Generic / Condition Description: REACTOR VESSEL WATER LEVEL

Analog / Digital: A

ENGR Units / Digital States: INCHES

ENGR Units Conversion: N/A

Minimum Instrument Range: N/A

Maximum Instrument Range: N/A

Zero Point Reference: FAP

Reference Point Notes: N/A

Proc or Sens: P

Number of Sensors: 32

How Processed: RE:USD (REFERENCE UNIQUE SYS DESC)

Sensor Locations: 160,151,112,71,50,29,19, & 10" ABOVE FAP

Alarm / Trip Setpoints: VOID DETECTED

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: 8 HEATED JUNCTION THERMOCOUPLES (HJTC) ARE SPACED STRATEGICALLY IN A VACANT CEA SHROUD ASSEMBLY NEAR THE VICINITY OF ONE HOT LEG OUTLET NOZZLE. AS HJTC IS UNCOVERED THE LVL THAT THE REACTOR HEAD IS UNCOVERED IS INDICATED IN INCREMENTAL STEPS. THE 1ST HJTC IS 160" FROM TOP OF FUEL ALIGNMENT PLATE(FAP); 8TH HJTC IS 10" FROM FAP; 5TH HJTC IS 50" FROM FAP WHICH IS THE CENTER LINE OF THE HOT LEGS. HOW PROCESSED: WHEN LVL DECREASES A VOID IN THE HJTC WILL PROVIDE AN OUTPUT SIGNAL FOR THAT SPECIFIC HJTC POSITION.