



Exelon Generation®

Larry D. Smith
Regulatory Assurance Manager

Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657

410 495 5219 Office
www.exeloncorp.com

larry.smith2@exeloncorp.com

10 CFR 50, App E

April 2, 2018

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

Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-53 and DPR-69
NRC Docket Nos. 50-317 and 50-318

Subject: 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 revision is necessary based on a modification to the Refueling Water Tank level instrumentation.

The table below provides a brief summary of the changes:

Point Identifier	Unit	Description	Old Range	New Range
1SP2RWLVL	1	BWST LEVEL	0-40 feet	0-504 inches

The ERDS Data Point Library sheet is attached.

There are no regulatory commitments contained in this correspondence.

Should you have questions regarding this matter, please contact Mr. Larry D. Smith at (410) 495-5219.

Respectfully,

Larry D. Smith
Calvert Cliffs Regulatory Assurance Manager

LDS/PSF/bjm

Attachment: (1) Emergency Response Data System Data Point Library (1 page)

ADZL
NRR

Document Control Desk

April 2, 2018

Page 2

cc: NRC Project Manager, Calvert Cliffs
NRC Regional Administrator, Region I

NRC Resident Inspector, Calvert Cliffs
S. Gray, MD-DNR

ATTACHMENT (1)

EMERGENCY RESPONSE DATA SYSTEM DATA POINT LIBRARY

(1 page)

Data Point Library Reference File

Date: 3/19/2018

Reactor Unit: CC1

Data Feeder: CC11

NRC ERDS Parameter: BWST LEVEL

Point ID: 1SP2RWLV

Plant Specific Point Description: REFUELING WATER TANK LEVEL

Generic / Condition Description: BORATED WATER STORAGE TANK LEVEL

Analog / Digital: A

ENGR Units / Digital States: INCHES

ENGR Units Conversion: N/A

Minimum Instrument Range: 0

Maximum Instrument Range: 504

Zero Point Reference: RE:USD

Reference Point Notes RE:USD (REFERENCE UNIQ SYS DESC)

Proc or Sens: P

Number of Sensors: 2

How Processed: N/A

Sensor Locations N/A

Alarm / Trip Setpoints: N/A

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: WET

Unique System Description: THE REFUELING WATER TANK SUPPLIES 2300-2700 PPM BORATED WATER TO THE SAFETY INJECTION SYSTEM AND ALSO SUPPLIES WATER FOR USE DURING REFUELING. TANK CAPACITY IS 420,000 GALS. AT 2.5 FEET THE SAFETY INJECTION LINE-UP IS SWITCHED TO THE RECIRCULATION MODE. THIS LEVEL IS EQUAL TO APPROX 10% OF TANK VOLUME.