



Constellation Energy®
Generation Group

September 11, 2007

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Change in Method of Reactor Coolant System Level Detection

REFERENCES:

- (a) Letter from Mr. G. C. Creel (BGE) to Document Control Desk (NRC), dated June 11, 1991, Generic Letter 88-17, "Loss of Decay Heat Removal" (TAC Nos. 69730 and 69731)
- (b) Letter from Mr. C. H. Cruse (BGE) to Document Control Desk (NRC), dated December 4, 1997, Change in Method of Reactor Coolant System Level Detection

In Reference (a) we described our compliance with the Reactor Coolant System (RCS) level monitoring requirements of Generic Letter 88-17. In that letter we committed to providing two methods of monitoring RCS level that met the requirements of the Generic Letter. Those methods are a wide-range level detector and a narrow-range ultrasonic transmitter. The instruments described in Reference (a) were installed as required.

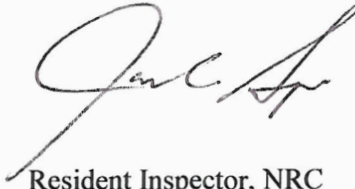
In reference (b) we informed the Nuclear Regulatory Commission (NRC) staff of the addition of a third method of monitoring the RCS level during periods of reduced RCS inventory. That additional instrument is the refueling level indicator. The letter described the instrument and stated that it had been verified to meet all of the applicable requirements of Generic Letter 88-17 for level instrumentation. During a recent review of RCS level indication, it was determined that the refueling level indicator does not meet all of the requirements of Generic Letter 88-17 for level instrumentation. Therefore, we are informing the NRC staff that we are withdrawing this instrument from the group of approved instruments used to monitor RCS water level during periods of reduced RCS inventory.

We retain the initial two required level instruments as acceptable measuring devices in accordance with Generic Letter 88-17. Issues with the ultrasonic transmitter that were described in Reference (b) will be resolved prior to the next use of the instrument in a reduced inventory condition. Therefore, we continue to meet the Generic Letter 88-17 requirements for level instrumentation required when we are in a reduced RCS inventory condition.

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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 "Jay S. Gaines". The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Resident Inspector, NRC
R. I. McLean, DNR

JAS/PSF/bjd

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