



**Constellation  
Nuclear**

**Calvert Cliffs  
Nuclear Power Plant**

*A Member of the  
Constellation Energy Group*

July 18, 2000

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  
Special Report – Wide Range Noble Gas Effluent Radiation Monitor

The attached special report is submitted in accordance with Calvert Cliffs Technical Requirements Manual Section 15.3.1, Contingency Measure B.2.2. The report is required due to the inoperability of the Unit 2 Wide Range Noble Gas Effluent Radiation Monitor for a period in excess of seven days.

Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

  
P. E. Katz  
Plant General Manager

PEK/JKK/bjd

Attachment

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**ATTACHMENT (1)**

**UNIT 2 WIDE RANGE NOBLE GAS EFFLUENT RADIATION MONITOR  
SPECIAL REPORT**

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Calvert Cliffs Nuclear Power Plant, Inc. submits this Special Report concerning the inoperable Unit 2 Wide Range Noble Gas Effluent Radiation Monitor Channel as required by Calvert Cliffs Technical Requirements Manual, Section 15.3.1, Contingency Measure B.2.2.

**ACTION TAKEN**

The Unit 2 Wide Range Noble Gas Effluent Radiation Monitor was removed from operable status on June 19, 2000 at approximately 0300 to implement system modifications that included both hardware and software changes. Planned activities for these modifications required the Wide Range Noble Gas Effluent Radiation Monitor be out-of-service for greater than seven days. Thus, the restoration time of seven days, as specified in Calvert Cliffs Technical Requirements Manual, Section 15.3.1, for returning the Wide Range Noble Gas Effluent Radiation Monitor to operable status, was not met.

**EFFECT ON OPERATION**

In accordance with Contingency Measure B.1 of Calvert Cliffs Technical Requirements Manual, Section 15.3.1, and our Accidental Radioactivity Release Monitoring and Sampling Methods procedure (ERPIP-821), the preplanned alternate monitoring method was implemented. The inoperability of the Wide Range Noble Gas Effluent Radiation Monitor did not affect Unit 2 operation.

**CAUSES OF INOPERABILITY**

The cause of the inoperability was the planned implementation of approved modifications to the Wide Range Noble Gas Effluent Radiation Monitor. The inoperability period was greater than the seven-day restoration time requirement due to the time needed to install and properly test the system modifications.

**PLANS AND SCHEDULES FOR RESTORING THE SYSTEM TO OPERABLE STATUS**

The Unit 2 Wide Range Noble Gas Effluent Radiation Monitor was returned to OPERABLE status on June 29, 2000 following the completion of maintenance and post-maintenance testing. The Wide Range Noble Gas Effluent Radiation Monitor was inoperable for approximately ten days.