

**Constellation  
Nuclear**

**Calvert Cliffs  
Nuclear Power Plant**

*A Member of the  
Constellation Energy Group*

June 27, 2002

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  
Special Report: National Pollution Discharge Elimination System Permit  
No. MD0002399 Violation

---

In accordance with Section 3.2.1 of Appendix B, Environmental Protection Plan (Non-Radiological) Technical Specifications, Calvert Cliffs Nuclear Power Plant submitted Attachment (1) to the Maryland Department of the Environment. This report discusses a sanitary sewer overflow that occurred at Calvert Cliffs Nuclear Power Plant on June 12, 2002.

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

Very truly yours,

  
Kevin J. Nietmann  
Plant General Manager

KJN/MJY/bjd

Attachment: As stated

cc: **(Without Attachment)**  
R. S. Fleishman, Esquire  
J. E. Silberg, Esquire  
Director, Project Directorate I-1, NRC  
D. M. Skay, NRC

H. J. Miller, NRC  
Resident Inspector, NRC  
R. I. McLean, DNR

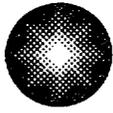
IE23

**ATTACHMENT (1)**

---

**SANITARY SEWER OVERFLOW --  
CALVERT CLIFFS NUCLEAR POWER PLANT  
NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM  
DISCHARGE PERMIT MD0002399  
VIOLATION NOTICE**

---



**Constellation  
Nuclear**

**Calvert Cliffs  
Nuclear Power Plant**

*A Member of the  
Constellation Energy Group*

June 17, 2002

Water Management Administration  
Maryland Department of the Environment  
2500 Broening Highway  
Baltimore, Maryland 21224

Dear Sir:

RE: Sanitary Sewer Overflow –Calvert Cliffs Nuclear Power Plant  
NPDES Discharge Permit 99-DP-0187

On June 12, 2002 an overflow of raw domestic sewage occurred from the pumping station sump (wetwell) at the Calvert Cliffs sewage treatment plant in Lusby, MD (Calvert County). The overflow occurred because the level controller for the wetwell pumps failed when air tubing ruptured. As a result of this failure, pumps did not come on as the level in the wetwell increased, and the high level alarm did not sound. The failure was discovered at 8:30 PM when a security officer on his rounds noticed the wetwell overflowing. Immediate isolation of the site domestic water system secured flow into the wetwell and the overflow ceased. The level controller was repaired at 9 PM and normal operation resumed.

It is estimated that 50 – 500 gallons of raw sewage overflowed from the wetwell. This sewage flowed over the ground and entered the Outfall 003 discharge, where it was diluted by 3900 gpm of continuous backwash from the traveling screens (baywater) prior to entering the Chesapeake Bay. Because of the relatively small volume and the dilution prior to entering the bay, the impact of the overflow on public health and the waters of the state is negligible.

The above information was reported to MDE and the Calvert County Health Department by telephone on June 13, 2002.

To prevent recurrence of this event, the level controller air tubing has been completely replaced. The air tubing will be replaced at ten-year intervals. The maintenance schedules for equipment and the adequacy of the alarm system at the sewage treatment plant is being reviewed. These reviews are expected to be complete by August 15, 2002.

If you have any questions regarding this information, please contact Brenda D. Nuse at (410) 495-4913.

Sincerely,

Kevin Nietmann  
Plant General Manager