

Kevin J. Nietmann
Plant General Manager
Calvert Cliffs Nuclear Power Plant
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 495-4101
410 495-4787 Fax



August 13, 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. 99-DP-0187 Violation

In accordance with Section 3.2.1 of Appendix B, Environmental Protection Plan (Non-Radiological) Technical Specifications, Calvert Cliffs Nuclear Power Plant submits Attachments (1) and (2), which were previously submitted to the Maryland Department of the Environment. This special report discusses a minor oil spill of no more than 13 gallons discharged to the Chesapeake Bay that occurred at Calvert Cliffs Nuclear Power Plant on July 24, 2002.

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

Very truly yours,

A handwritten signature in black ink, appearing to be 'KJN' or similar, written over a horizontal line.

KJN/MJY/bjd

Attachments: As stated

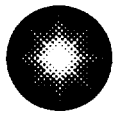
cc: **(Without Attachments)**
R. S. Fleishman, Esquire
J. E. Silberg, Esquire
Director, Project Directorate I-1, NRC
D. M. Skay, NRC

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

IE22

ATTACHMENT (1)

SPILL OF #2 DIESEL FUEL OIL --
CALVERT CLIFFS NUCLEAR POWER PLANT
NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM
DISCHARGE PERMIT 99-DP-0187
OIL OPERATIONS PERMIT NUMBER 2002-OPT-2092
VIOLATION NOTICE TO MDE
HAZARDOUS AND SOLID WASTE MANAGEMENT



**Constellation
Nuclear**

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

July 29, 2002

Maryland Department of the Environment
Hazardous and Solid Waste Management
2500 Broening Highway
Baltimore, Maryland 21224

To Whom It May Concern:

**RE: Spill of #2 diesel fuel oil – Calvert Cliffs Nuclear Power Plant
NPDES Discharge Permit 99-DP-0187
Oil Operations Permit Number 2002-OPT-2092**

On July 24, 2002 an overflow of the 1B emergency diesel generator day tank resulted in a discharge of no more than 13 gallons of #2 fuel oil from the Calvert Cliffs Nuclear Power Plant site in Lusby, MD (Calvert County). During maintenance on the level transmitter, the fuel oil transfer pump started. The overflow occurred because the tank was already full. Although the day tank is provided with an overflow line from the 1B day tank back to the main storage tank, the fuel oil overflowed through the vent line onto the roof of the building and into the stormwater system.

The oil spill was discovered at 12:29 PM when an employee noticed a sheen on the water flowing from the 002 outfall prior to entering the main circulating water discharge. The fuel oil transfer pump had been stopped prior to the identification of the spill, and clean up of the oil was initiated immediately. At 1:55 PM, oil release to the bay stopped when floating oil absorbent booms were installed to collect the oil. The booms are still in place, and are inspected every 6 hours and replaced as needed. The booms will remain in place until all traces of oil are flushed from the stormwater system piping.

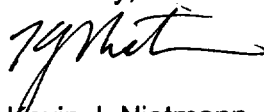
It is estimated that no more than 13 gallons of # 2 fuel oil was spilled to the storm drain system and entered the Outfall 002 discharge, where it was diluted by 2.4 million gpm of cooling water flow prior to entering the Chesapeake Bay. No oil was observed in the Chesapeake Bay. Because of the relatively 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 cost of the spill to Calvert Cliffs Nuclear Power Plant, Inc. is estimated at \$3000.

The above information was reported to the National Response Center (Report # 617-714) and MDE by telephone on July 24, 2002.

Maintenance procedures will be changed to require opening the breaker on the oil transfer pump prior to any maintenance that is performed on the level transmitters. An investigation to determine why the overflow line was not adequate to remove any excess oil from the day tank back to the storage tank is underway. The investigation is expected to be complete by September 6, 2002.

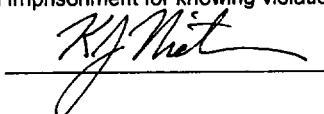
If you have any questions, please contact Brenda Nuse at (410) 495-4913.

Sincerely,



Kevin J. Nietmann
Plant General Manager

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

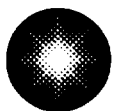


KJN/BDN

cc: D.I. Geneva
S.J. Loeper
B.D. Nuse
T.G. Ringger (CNS)
M.E. Tonacci
US Coast Guard
USNRC

ATTACHMENT (2)

**SPILL OF #2 DIESEL FUEL OIL --
CALVERT CLIFFS NUCLEAR POWER PLANT
NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM
DISCHARGE PERMIT 99-DP-0187
OIL OPERATIONS PERMIT NUMBER 2002-OPT-2092
VIOLATION NOTICE TO MDE
WATER MANAGEMENT ADMINISTRATION**



**Constellation
Nuclear**

**Calvert Cliffs
Nuclear Power Plant**

*A Member of the
Constellation Energy Group*

July 29, 2002

Mr. Jack Bowen
State of Maryland - Maryland Department of the Environment
Water Management Administration
2500 Broening Highway
Baltimore, Maryland 21224

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Kevin J. Nietmann
Plant General Manager

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