

**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



December 19, 2003

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: Maryland Department of the Environment; Oil Operations  
Permit No. 2002-OPT-2092 Violation

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In accordance with Section 3.2.1 of Appendix B, Environmental Protection Plan (Non-Radiological) Technical Specifications, Calvert Cliffs Nuclear Power Plant submits Attachment (1), which was previously submitted to the Maryland Department of the Environment. This special report discusses a minor oil spill of less than one cup, which entered the Chesapeake Bay. The spill occurred at Calvert Cliffs Nuclear Power Plant on October 29, 2003.

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

Very truly yours,

A handwritten signature in cursive script, appearing to read "Kevin J. Nietmann".

for

Kevin J. Nietmann  
Plant General Manager

KJN/MJY/bjd

Attachment: As stated

cc: (Without Attachment)  
J. Petro, 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

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**ATTACHMENT (1)**

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**SPILL OF MOTOR OIL --**  
**CALVERT CLIFFS NUCLEAR POWER PLANT**  
**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
**OIL OPERATIONS PERMIT NUMBER 2002-OPT-2092**  
**VIOLATION NOTICE TO MDE**  
**HAZARDOUS AND SOLID WASTE MANAGEMENT**

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November 6, 2003

Maryland Department of the Environment  
Hazardous and Solid Waste Management  
1800 Washington Boulevard  
Baltimore, Maryland 21230

To Whom It May Concern:

**RE: Spill of motor oil – Calvert Cliffs Nuclear Power Plant  
Oil Operations Permit Number 2002-OPT-2092**

On October 29, 2003 a leak of the 11 A traveling screen resulted in a discharge of less than one cup of lubricating oil from the Calvert Cliffs Nuclear Power Plant site in Lusby, MD (Calvert County). The oil spill was discovered at 12:38 PM when an employee noticed oil sheen on the water flowing from the 003 outfall.


Clean up of the oil was initiated immediately. At 1:30 PM, the oil release to the bay stopped when floating oil absorbent booms were installed to collect the oil. The booms remained in place until all traces of oil were flushed from the system. Investigation identified that a bolt was missing from the 11A traveling screen housing. Oil spray had collected inside the housing and leaked when the bolt fell out. The bolt was replaced and the leakage ceased.

It is estimated that no more than 1 cup of lubricating oil was spilled to the traveling screen backwash (Outfall 003 discharge), where it entered the Chesapeake Bay. A 15 by 15 foot oil sheen was observed on the Chesapeake Bay. Because of the small volume, the impact of the leak 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 \$1500.

The above information was reported to the National Response Center and MDE by telephone on October 29, 2003.

Maintenance procedures have been changed to require inspection of these bolts weekly to ensure they are secure.

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.

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KJN/BDN

cc: D.I. Geneva  
L.R. Jager  
B.D. Nuse  
T.G. Ringger (CGG)  
M.E. Tonacci  
B. R. Wright  
USNRC