

CHARLES H. CRUSE
Plant General Manager
Calvert Cliffs Nuclear Power Plant

Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 586-2200 Ext. 4101 Local
410 260-4101 Baltimore



January 30, 1995

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
Violation of NPDES Permit No. MD0002399

In accordance with Section 3.2 of Appendix B, "Environmental Protection Plan (Non-Radiological) Technical Specifications," attached is a copy of a letter reporting a recent violation of the National Pollution Discharge Elimination System (NPDES) permit for Calvert Cliffs Nuclear Power Plant.

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

Very truly yours,

for

C. H. Cruse
Plant General Manager

CHC/DWM/bjd

Attachment

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
L. B. Marsh, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
P. R. Wilson, NRC
R. I. McLean, DNR
J. H. Walter, PSC

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PDR ADOCK 05000317
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CRIT# 2799 387330

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January 20, 1995

Michael Reahl
State of MD - Department of the Environment
Water Management Administration
2400 Broening Highway
Baltimore, Maryland 21224

Dear Mr. Reahl:

RE: New Diesel Generator Building Drainage Sump Accidental Release at Calvert Cliffs Nuclear Power Plant NPDES Permit MD0002399A, State Permit 92-DP-0187A

On January 11, 1995, between the hours of 12:00 and 03:00 A.M., approximately 2500 gallons of a suspected low concentration propylene glycol solution was discharged to site outfall 002 from the building drain sump in a new diesel generator building. The building and associated equipment are still under construction. The solution contained a dye that was concentrated enough for the discharged solution to have a blue color. There were visible indications of the discharge in the area of the 002 Outfall piping at 9:00 on the morning of January 12, 1995. The Maryland Department of the Environment (MDE) was then immediately notified of the discharge.


Robert Daniel of MDE inspected the area in the vicinity of Outfall 002, at approximately 11:40 on January 12, 1995, and observed a green color of the discharge. By his direction, samples of the outfall were taken and the effluent of Outfall 002 was pumped to an adjacent sediment collection basin starting at 3:00 P.M. until the effluent of the pump discharge was clear. As of 6:30 P.M. the 002 Outfall discharge was clear and the flow was returned to the bay. The discharge has remained clear since the event. The result of the 002 pipe discharge chemical analysis was:

Ethylene Glycol	Non Detectable
Propylene Glycol	Non-Detectable
Chemical Oxygen Demand	110 mg/l
Biochemical Oxygen Demand	4 mg/l
Total Kjeldahl Nitrogen	<1 mg/l
Total Nitrogen	<2 mg/l
Nitrate Nitrogen	0.8 mg/l

To prevent a reoccurrence of this event from the diesel generator project, the project management organization has instituted several management practices. These efforts should ensure that no discharges of any system liquids or plant sump systems will be performed until an appropriate evaluation has been completed. During the construction phase of this project, all waste liquid generated will be disposed of either to the construction sediment pond or offsite via tank truck.

If you have any questions regarding this information, please contact James Szymkowiak at (410) 260-4020 or Bob Kreger at (410) 260-2426.

Sincerely,

A handwritten signature in dark ink, appearing to read "Charles J. Stine". The signature is fluid and cursive, with the first name "Charles" being more prominent and the last name "Stine" following in a similar style.

CHC:JAS

cc: J.F. Stine
Nuclear Regulatory Commission