BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

February 25, 1982

Division of Sewerage
Inspection and Compliance Program
Office of Environmental Programs, Room 2A4
201 West Preston Street
Baltimore, Maryland 21201

Attention: Mr. Ronald Parise

Re: Letter of January 11, 1982
regarding Maryland State Discharge Permit No. 74-DP-0187A
and NPDES Permit No. MD 0002399

Dear Mr. Parise:

Positive results have come from our continuing investigation of the noncompliance of January 6, 1982. Your records should show a phone report of the January [illegible], 1982 event and confirmation this event fell into the category of continuing investigation from the January 6, 1982 noncompliance.

The attached Calvert Cliffs Event Report explains the noncompliance cause and corrective action taken. Our records indicate no further recurrence; therefore, this item can be closed out.

Very truly yours,

L B Russell

L. B. Russell
Plant Superintendent

LBR/RES/fcb

Attachment

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January 11, 1982

Division of Sewerage
Inspection and Compliance Program
Office of Environmental Programs, Room 2A4
201 West Preston Street
Baltimore, Maryland 21201

Attention: Mr. Ronald Parise

Re: Maryland State Discharge
Permit No. 74-DP-0187A and
NPDES Permit No. MD 0002399

Dear Mr. Parise.

At 1600 hours on January 6, 1982, a backup sample was drawn from outfall 002 of the Calvert Cliffs Nuclear Power Plant. It confirmed a pH of 9.1, above the compliance limit of 9.0. This condition existed until 0800 hours on January 7, 1982 when the pH was found to be 8.2. A report of this incident was verbally transmitted to your office on January 7, 1982 and this is the required written report.

The noncompliance was found to be a result of a high ammonia concentration in the yard oil interceptor, a major contributor to the flow from outfall 002. Though ammonia is used extensively for pH control of the steam system at Calvert Cliffs, no direct cause of high ammonia in the yard oil interceptor could be found. An investigation for possible causes is continuing though, with the noncompliance no longer occurring, little success is expected.

Very truly yours,

L B Russell

L. B. Russell
Plant Superintendent

LBR/GEB/fcb

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