

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

July 12, 1994

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



Dear Mr. Reahl:

RE: NPDES Permit Intake Embayment July 6, 1994
Discharge Permit MD0002399, State Permit 92-DP-0187

On July 6, 1994, during routine surveillance of effluent monitoring for the intake embayment, the salinity meter was found out of service. The salinity monitoring requirements require continuous monitoring with no specifications.

On July 5, 1994, routine maintenance was performed which included cleaning the conductivity cell. The salinity cell was returned to service after maintenance. Therefore, it was determined that the salinity meter was out of service less than 24 hours.

Once per four hours grab sampling frequency was initiated as of July 6, 1994 at 7:00 a.m. as required supplemental action and was discontinued when the salinity meter was returned to service on July 7, 1994 at 8:20 a.m.

The cause of the malfunction was determined to be that the salinity meter developed a water leak in the monitoring probe which was subsequently repaired. To reduce further reoccurrences of intake embayment monitoring failures, BGE is replacing the current monitoring equipment and the surveillance frequency has been increased until the new equipment is declared in service.

If you have any questions regarding this information, please contact Robert Kreger at 410-260-2426.

Sincerely,

A handwritten signature in dark ink, appearing to be "Robert Kreger", is written over the word "Sincerely,". The signature is fluid and cursive, with a long horizontal line extending to the right.

CHC:RAK:dag

cc: J. F. Stine
Nuclear Regulatory Commission

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S PDR