

File

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1175

BALTIMORE, MARYLAND 21203

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

December 8, 1980

State of Maryland
Office of Environmental Programs
Waste Management and Enforcement Program
Taves State Office Building
Annapolis, Maryland 21401

Attention: Mr. P. Wigginton

Gentlemen:

On 12-2-80 a sample was drawn for the routine weekly coliform analysis. On 12-4-80 the results from this test indicated a concentration of 32000 mpr/100 ml. This is a violation of section 1.c. of the Maryland State Discharge permit #74-DP-0187A for Calvert Cliffs Nuclear Power Plant. Notification of this occurrence was made by plant personnel to Mr. P. Wigginton as per section 11.B.2 of the permit. This is the required written report.

The event was believed to be caused by an unusually high flow to the plant. This flow surge substantially increased the flow in the chlorine contact tank, which, in turn, reduced the time from chlorination to dechlorination. This contact time was too short to provide effective disinfection.

To correct this situation, the chlorine contact tank was drained and cleaned and the chlorine concentration increased. The flow path from the wet well into the plant was adjusted to allow the surges to be absorbed to prevent recurrence. Additionally, plant personnel are investigating the possibility of increasing the surge capacity as a facility change.

Very truly yours,

L. B. Russell
L. B. Russell
Plant Superintendent

SEC:fab

cc: J. Marnan

G. Frost

L. Spedale

S. Garry ✓

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