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# BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

July 24, 1981

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

Attention: Mr. Raymond E. Riffin

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

Dear Mr. Riffin:

On June 5, 1981, weekly coliform analysis showed a concentration of >1609 mpn/100 ml. This result is above the 70 mpn/100 ml permitted by the reference permit. The cause has been determined to be contamination in the sodium thiosulfate containers used for dechlorination. A coliform test was performed on the sodium thiosulfate containers and the results indicated high coliform concentrations; the containers and hoses were cleaned, chlorinated and refilled for service. To correct this situation, housekeeping frequency has been increased.

On June 24, 1981, weekly coliform analysis showed a concentration of 228 mpn/100 ml, again above the allowable limit. An inspection of the system showed solids carryover into the chlorine contact tank. The chlorine contact tank was drained and cleaned. To correct this situation, the chlorine contact tank will be inspected for possible contamination whenever normal effluent surveillance is performed.

Sincerely yours,

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

JRS/fcb

CC: JAT  
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JRS

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