

BALTIMORE GAS AND ELECTRIC COMPANY *Tic*

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT  
CALVERT CLIFFS NUCLEAR POWER PLANT  
LUSBY, MARYLAND 20687



April 24, 1981

Mr. Boyce H. Grier, Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Docket No. 50-317  
License No. DPR-53

SUBJECT: Docket No. 50-317: LER 81-28 (U-1)

Dear Mr. Grier:

This is to confirm our verbal notification to your Mr. Ralph Architzel of a violation of Environmental Technical Specification 2.2.1 (Dissolved Solids and pH) following an unmonitored discharge of #11 Waste Neutralizing Tank (WNT).

At 1650 on 4-23-81, the outside operator discovered the drain valve for #11 WNT open. The operator immediately shut the valve to terminate the discharge. The WNT was placed in service at 1420 to receive make-up regeneration waste. At approximately 1530 the water treatment specialist started regenerating #12 makeup train. Between 1545 and 1645 approximately 75 gallons of 97%  $H_2SO_4$ , which was diluted to 6% with a 27 gpm dilution flow, was discharged to the WNT. Starting at 1630, 50% NaOH, which was diluted to 5% with a 21 gpm dilution flow, was being discharged to the WNT when the open drain valve was discovered. It was determined the 50 gallons of 50% NaOH was discharged.

Since the WNT drain valve was not shut, all regenerative waste sent to #11 WNT from 1545 and 1650 were discharged to the Chesapeake Bay, after being diluted with 1.2 million gpm circulating water flow, without ensuring that the regeneration waste was in compliance with the Environmental Technical Specification limits.

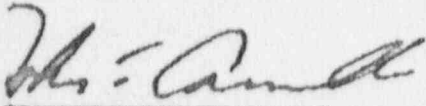
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A complete description as to the cause of the unmonitored discharge and a description of the corrective action will be continued in the follow-up report.

Very truly yours,



L. B. Russell  
Plant Superintendent

BR:SM:Dimmr

cc L. B. Russell  
J. A. Tiernan  
R. M. Douglass  
Director, Office of Management Information  
and Program Control  
R. E. Architzel