

BALTIMORE GAS AND ELECTRIC COMPANY

P.O. BOX 1475

BALTIMORE, MARYLAND 21203

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

November 22, 1982

Office of Environmental Programs
Waste Management Administration
201 West Preston Street
Baltimore, Maryland 21201

Attention: Mr. Ronald Parise

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

Dear Mr. Parise:

Monitoring point 105 of outfall 001 of the reference permit is described as miscellaneous waste streams. Since the plant actually has two components to this monitoring point, we have typically monitored both substreams independently. The report data is computed on a weighted average basis when both substreams are discharged in the same 24 hour period, or reported separately when discharges occur on separate days.

On October 15, 1982 the weighted average of the two components to monitoring point 105 yielded results within permit specifications. However, one of the components yielded oil and grease and suspended solids higher than permit restrictions and an investigation was instituted. Subsequent investigative analyses of this source has indicated above specification oil and grease and suspended solids. During the investigation, the daily maximum specifications were exceeded for the following 24 hour periods:

| <u>105 B</u> | <u>Suspended Solids</u> | <u>Oil & Grease</u> |
|--------------|-------------------------|-------------------------|
| 10/15/82 | 204.8 | 195.3 |
| 10/21/82 | - | 85.0 |
| 10/28/82 | 158.5 | 228.7 |
| 11/1/82 | 58 | 45 |
| 11/3/82 | 5 ⁺ 9 | 28.5 |

We believe the unusually high oil and suspended solids resulted from an Auxiliary Building drain problem. We also believe this to be an isolated occurrence and except for an increased monitoring frequency, we have made no corrective action. We have implemented a temporary program to perform

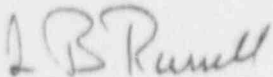
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the oil and grease and suspended solids analysis prior to release of the constituents at monitoring point 105. This should prevent further releases above specification. Once we are satisfied that conditions have returned to normal, we will return to the routine monitoring schedule.

Very truly yours,

A handwritten signature in cursive script, appearing to read "L B Russell".

L. B. Russell
Plant Superintendent

LBR/RES/fcb