



CHARLES CENTER • P.O. BOX 1475 • BALTIMORE, MARYLAND 21203

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

October 21, 1987

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

RE: Maryland State Discharge Permit No. 86-DP-0187  
and NPDES Permit No. MD0002399

Dear Mr. Schmidt:

This letter is to inform you of two noncompliances with respect to Outfall 001, constituent - temperature increase across the Unit 1 Plant Condensers. The daily maximum limitation is 12°F. On October 11, 1987 at 2300 an increase of temperature of 12.1°F was reached and on October 12, 1987 at 1300 an increase of 14.3°F was reached.

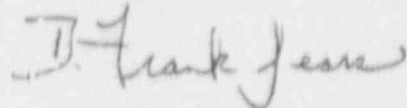
The cause of the noncompliances was reduced flow of cooling water through the condensers due to an accumulation of grasses and other debris in the condensers. Plant power level was reduced to correct the temperature increase and allow for the cleaning of the condensers.

The two noncompliances existed for less than one hour. For this constituent the plant computer prints out an hourly average temperature increase across the condensers. Our previous permit allowed the first hours value to be identified and if the temperature was decreased and within the allowable range by the second hour it was in violation of our permit. Our new permit does not allow that correction time period. The operator on duty at this time was not aware of this change. Therefore, it was not determined that there was a permit violation until October 19, 1987, at which time the state was notified of the noncompliance by telephone. Written notification has been given to all of the appropriate operators to insure that this will not be overlooked in the future.

Mr. Schmidt  
October 21, 1987  
Page 2

Should you have questions regarding this information, please  
feel free to call.

Sincerely,

A handwritten signature in cursive script, appearing to read "B. Frank Sears".

B. Frank Sears  
Supervisor-Water Treatment

BFS:dag