



1650 CALVERT CLIFFS PARKWAY • LUSBY, MARYLAND 20657-4702

ROBERT E. DENTON  
VICE PRESIDENT  
NUCLEAR ENERGY  
(410) 260-4455

May 7, 1993

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318  
Correspondence with the State of Maryland Regarding the Calvert Cliffs  
Nuclear Power Plant NPDES Permit

---

Gentlemen:

In accordance with Specification 3.2 of Appendix B, "Environmental Protection Plan (Non-Radiological) Technical Specifications," attached is a copy of correspondence from Baltimore Gas and Electric Company to the Maryland Department of the Environment regarding a change to our National Pollution Discharge Elimination System (NPDES) permit.

Should you have any further questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

RED/BDM/bjd

Attachment

cc: D. A. Brune, Esquire  
J. E. Silberg, Esquire  
R. A. Capra, NRC  
D. G. McDonald, Jr., NRC  
T. T. Martin, NRC  
P. R. Wilson, NRC  
R. I. McLean, DNR  
J. H. Walter, PSC

110028

9305130138 930507  
PDR ADOCK 05000317  
P PDR

cert #

P497 314 088

JE23 11



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

CORPORATE AFFAIRS

May 3, 1993

Mr. David Fluke  
Maryland Department of the Environment  
Hagerstown Office  
Route 12  
Box 107  
Hagerstown, Maryland 21740

SUBJECT: Calvert Cliffs Nuclear Power Plant (Discharge Permit No. 86-DP-0187): Clamtrol CT-1 Test Results and Permit Renewal

Dear Mr. Fluke,

Enclosed is a copy of the results of last year's Clamtrol CT-1 testing at Calvert Cliffs. The report is under consideration by EPRI for publication but a decision has not yet been made. Because test results indicate the CT-1 was effective at reducing microfouling in the Saltwater System heat exchangers, the plant has decided they would like to use CT-1 as regular part of their maintenance program.

In the permit renewal application package (submitted September 1991) we requested the new permit allow for the use of this product (i.e. an allowance to use other biocides with permission of the Department; in particular we wanted to test and then consider subsequent use of CT-1). As we discussed last week, because of FIFRA labeling of the product, Clamtrol CT-1 must be specifically identified in the permit. A general clause is still desirable; however, we will need the CT-1 to be specifically identified and addressed in the permit as well. We appreciate your adding this to the draft permit if it has not already been included. We also appreciate putting a higher priority on the permit, to the extent possible, since the plant feels the product is important for the maintenance of the Saltwater System.

Please consider the following with respect to permit parameters. CT-1 treatments would be made for approximately one hour, once a week, in each Saltwater subsystem (four total) at approximately 30 ppm (same as during testing). Therefore, CT-1 would not be injected every day of the week. Measurement of CT-1 would only be appropriate when using CT-1. Also, the detection limit for CT-1 varies with salinity and is higher for water with salinity (the highest detection limit is 0.3 ppm) than the detection limit indicated with the original submittal (0.2 ppm for freshwater systems).

Please let me know if you have questions or need more information (410) 787-5114.

Sincerely,

Melissa J. Wieland  
Environmental Programs Section

cc. M. Knott, MDE  
E. Bauereis  
T. Ringger  
J. Warner  
J. Szymkowiak  
J. Gines