



VIRGINIA POWER

March 4, 1994

Mr. Kemper Loyd  
Valley Regional Office  
Department of Environmental Quality  
116 North Main Street  
P. O. Box 268  
Bridgewater, VA 22812

**RE: NORTH ANNA POWER STATION - VPDES PERMIT NO. VA0052451 - SEWAGE  
OVERFLOW**

Dear Mr. Loyd:

This is in follow up to the reported sewage overflow at North Anna Power Station that Mr. Daniel James of my staff discussed with you by telephone on February 28, 1994.

On the morning of February 28, station personnel found that a clog in a sewer leading to the package treatment plants which discharge through Outfalls 005 and 007 had caused a backup in the sewer. The backup erupted through a broken cleanout in the line and sewage overflowed onto the ground surface. Most of the sewage overflow went onto, and into, the ground in the vicinity of the broken cleanout. A small portion was carried by ice melt runoff into the settling pond which discharges via Outfall 009.

The overflow apparently occurred during the weekend when very few personnel are in the building served by the sewer involved. Therefore, although no volume of sewage lost could be determined, the amount would be very small. Due to the volume of water in the settling pond, the portion of the sewage which would have reached this pond with runoff would have been minute. Fecal coliform testing of the 009 discharge is being performed but the results of such analysis may be invalid since the contribution from wild animal sources (deer and beavers are frequently sighted in the settling pond depression) would far exceed any contribution possible from the small amount of sewage involved.

Station personnel have cleaned up the sewage solids in the area of the overflow, limed the area, and repaired the pipe cleanout. A roter service hydrolized the pipe and cleared the plug.

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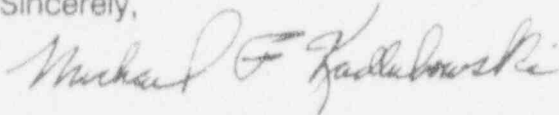
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No contaminants other than domestic sewage were involved in this event and no violations of any permit effluent limitations occurred. Except for the insignificant potential contribution to the Outfall 009 discharge, none of the sewage overflow was to state waters. The small amount of sewage which could have overflowed from this pipe would not be expected to have detrimental impacts on any other wastewater treatment processes or on the station's discharges to state waters.

Should you desire additional information or have any questions about this matter, please contact Daniel James at (804) 273-2996.

Sincerely,



B. M. Marshall, P.E.  
Manager  
Water Quality



cc: U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., NW  
Suite 2900  
Atlanta, GA 30323  
Re: North Anna Units 1 & 2  
Docket Nos. 50-338/50-339  
License Nos. NPF-4/NPF-7

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555  
Re: North Anna Units 1 & 2  
Docket Nos. 50-338/50-339  
License Nos. NPF-4/NPF-7

Mr. R. D. McWorter  
NRC Senior Resident Inspector  
North Anna Power Station