

Certified Mail
Return Receipt Requested



February 21, 1991

Mr. William L. Kregloe
Virginia Water Control Board
Valley Regional Office
116 North Main Street
P.O. Box 268
Bridgewater, VA 22812

RE: UNUSUAL DISCHARGE - NORTH ANNA POWER STATION

Dear Mr. Kregloe:

On February 17, 1991 at 3:50 p.m. the Virginia Office of Emergency Services was notified of an unusual discharge at our North Anna Power Station. The Water Board prep officer called G. R. Knauer of my staff later Sunday afternoon to verify the report. This letter confirms our notification and provides additional information regarding the incident.

Around 4 a.m. on Sunday, February 17, station personnel discovered that the product level in a chemical storage tank was significantly reduced. The level indication system had failed allowing for siphoning of the stored water treatment chemical to a turbine building sump. This sump discharges through Outfall 004 into the discharge canal. The water treatment chemical is a Calgon product PCL-713, which is a combination of organic and inorganic phosphates along with a dispersant for silt and other inorganic deposits. This product is used for corrosion control in the bearing cooling system. Approximately 300 gallons of product were discharged, as determined by comparison of the residual product to the immediately previous level reading.

There was no apparent adverse impact on aquatic life or the natural environment as a result of this discharge. Visual inspection of the discharge canal was conducted but no analytical data were collected.

After evaluation of the incident, station personnel have concluded that a future incident can be avoided by valving out the level indicator tube when it is not in use. This change in operating procedures is being implemented.

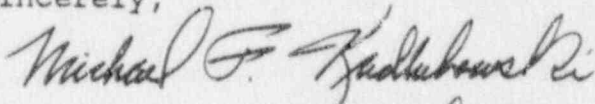
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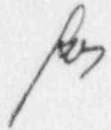
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If you have any questions regarding this incident, please call Ms. Gleness Knauer of my staff at 273-2996.

Sincerely,



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



cc: U.S. NRC
Docket No. 50-338/50-339
101 Marietta St., NW
Suite 2900
Atlanta, GA 30323

U.S. NRC
ATTN: Docket Control Desk
Docket No. 50-338/50-339
Washington, D.C. 20555

NRC Senior Resident Inspector
Docket No. 50-338/50-339
North Anna Power Station