

September 10, 1992



VIRGINIA POWER

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

RE: NORTH ANNA POWER STATION, VPDES PERMIT NO. VA0052451 -
POTASSIUM CHROMATE DISCHARGE 9/4/92

Dear Mr. Kregloe:

A discharge of potassium chromate through Outfall 003 occurred at North Anna Power Station on September 4, 1992. This letter confirms the telephone report of the discharge to you by Mr. A. C. Cooke on that date. Potassium chromate is a CERCLA hazardous substance with a reportable quantity of ten pounds if released to the environment in a 24-hour period. This release did not meet or exceed the reportable quantity of ten pounds; therefore, this incident was not reported to the National Response Center or the Local Emergency Planning Committee.

Station personnel had been tracking a decline in the chromated component cooling water system for several days prior to September 4, 1992. At approximately 0500 hours on September 4, it was determined that the component cooling water system was leaking into the secondary system blowdown through one of the heat exchangers. This was allowing potassium chromate to be discharged into the station's discharge canal, which flows into the Waste Heat Treatment Facility, at a rate of 0.4 pounds per day through permitted Outfall 003 (process water clarifier). Station personnel immediately isolated the blowdown system and removed any residual through the drain system, which is processed by a demineralizer.

No detrimental environmental effects from this incident were detected. There are no known or anticipated acute or chronic health risks associated with this incident. The quantity of potassium chromate involved in this event would not result in a detectable concentration in the discharge to Lake Anna from the Waste Heat Treatment Facility.

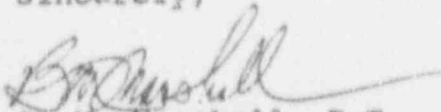
The leak in the heat exchanger system has been identified and corrected and the blowdown system has been returned to normal operation. In order to preclude future recurrence of this incident, an investigation has been initiated to determine what caused the leak.

COOL 1/0

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

Sincerely,



E. 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. M. S. Lesser
NRC Senior Resident Inspector
North Anna Power Station