

April 23, 1990



Mr. Larry M. Carpenter  
Environmental Specialist Sr.  
Valley Regional Office  
Virginia State Water Control Board  
P.O. Box 268  
Bridgewater, Va. 22812

**RE: Subsurface Leak of Fuel Oil at North Anna Power Station**

Dear Mr. Carpenter:

On April 19, 1990 Mr. W. A. Sprouse of my staff reported a historical fuel oil leak at North Anna Power Station. This letter documents the information conveyed at that time to Mr. J. D. Green and the phone conversation between you and Mr. Sprouse on April 20, 1990.

On May 27, 1987, station personnel observed oil seeping to the ground surface above an underground fuel oil line which feeds an aboveground tank from a tank truck unloading station. The line was repaired and returned to service.

The line was removed from service when, on June 5, 1987, evidence of another possible leak was observed. The line has been out of service since that time and came to this Department's attention when we were asked to review plans for replacement of the pipe. Station personnel do not believe the oil reached the groundwater, nor were they aware at the time that releases which may reach the groundwater are reportable. A subsurface drainage system, known as the Mat Sump System, collects and removes groundwater from around the reactor containment structures. Groundwater pumped from this system has not shown evidence of fuel oil contamination.

At this time, we are uncertain of exactly how much fuel oil was involved. Per your request, we will determine if any of the oil reached groundwater and will keep you informed of further developments.

Please contact Wes Sprouse at (804)273-3552 if you have any further questions.

Sincerely,

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

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Mr. Larry M. Carpenter  
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cc: U.S. NRC  
Docket No. 50-338/50-339  
101 Marietta Street, NW  
Suite 2900  
Atlanta, Georgia 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