

David A. Heacock
Site Vice President

Dominion Generation
North Anna Power Station
P.O. Box 402, Mineral, VA 23117
Phone 540-894-2101, Fax: 540-894-2878
David_Heacock@dom.com



Dominion™

October 17, 2002

Ms. Dona Huang
Virginia Emergency Response Council (VERC)
c/o Virginia DEQ
SARA Title III Program
P.O. Box 10009
Richmond, VA 23240-0009

Dear Ms. Huang:

Dominion is the majority owner and operator of the North Anna Power Station in Louisa County, Virginia. This letter is to inform you of a release of a listed hazardous substance in excess of a reportable quantity under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Emergency Planning and Community-Right-to-Know Act (EPCRA) at the North Anna facility. At no time was there any danger to the public from nuclear operations.

On October 5, 2002, there was a small leak of refrigerant (Freon, R-12) from a chilled water mechanical chiller serving the Unit 1 and Unit 2 nuclear generators at North Anna. Unit 1 was at 100% power and Unit 2 had been shut down for a scheduled refueling outage. The chiller was isolated and before repair work could begin, there was a complete failure to contain the refrigerant and the entire system charge of R-12 was released. This charge was approximately 5,250 pounds of R-12. The release was ongoing from approximately 0210 to 0454 on the morning of October 5. The CERCLA reportable quantity for R-12 is 5,000 pounds in a 24-hour period. The R-12 is neither toxic nor flammable and did not represent a direct hazard to human health or welfare, other than as a simple asphyxiant. The area where the leak occurred was ventilated, the air was checked for R-12 and oxygen concentrations, and the area was re-entered when it was safe to make repairs. Once the small leak became a large leak, there was nothing our personnel could have safely done to prevent the entire charge from escaping. Dominion believes that there was no direct harm done to the local environment as a result of this release.

We immediately reported the release to the National Response Center, the Virginia Emergency Response Center, and the Local Emergency Planning Committee.

We believe this letter meets the intent of the written notification requirement under CERCLA. If you have any questions regarding this report, please contact Mr. Andy Gates of Dominion's Electric Environmental Services group at (804) 273-2950.

Very truly yours,

D. A. Heacock
Site Vice President
North Anna Power Station

cc:

IE23

Ms. Dona Huang
October 17, 2002
Page 3

Cc:

U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, GA 30303
RE: North Anna Units 1 and 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 and 2
Docket Nos. 50-338/50-339
License Nos. NPF-4/NPF-5

Mr. M.J. Morgan
NRC Senior Resident Inspector
North Anna Power Station