



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

March 9, 2011

Mr. David A. Heacock  
President and Chief Nuclear Officer  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

**SUBJECT: NORTH ANNA POWER STATION - NRC EMERGENCY PREPAREDNESS  
ANNUAL INSPECTION REPORT 05000338/2010502 AND 05000339/2010502**

Dear Mr. Heacock:

On December 31, 2010, the NRC staff completed its annual inspection of the Emergency Preparedness Program at the North Anna Power Station. This inspection began on January 1, 2010. Issuance of this letter closes Inspection Report 05000338/2010502 and 05000339/2010502. Inspection activities charged to these reports include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and, in some cases, performing traditional enforcement activities. Any observations and findings in this area were provided to you via separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

**/RA/**

Brian Bonser, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No.: 50-338, 50-339  
License No.: NPF-4, NPF-7

cc w/encl.: (See page 2)

cc w/encl:

Daniel G. Stoddard  
Senior Vice President  
Nuclear Operations  
Virginia Electric and Power Company  
Electronic Mail Distribution

Michael M. Cline  
Director  
Virginia Department of Emergency Services  
Management  
Electronic Mail Distribution

Fred Mladen  
Director, Station Safety & Licensing  
Virginia Electric and Power Company  
Electronic Mail Distribution

County Administrator  
Louisa County  
P.O. Box 160  
Louisa, VA 23093

N. L. Lane  
Site Vice President  
North Anna Power Station  
Virginia Electric & Power Company  
Electronic Mail Distribution

Michael Crist  
Plant Manager  
North Anna Power Station  
Virginia Electric & Power Company  
Electronic Mail Distribution

Chris L. Funderburk  
Director, Nuclear Licensing & Operations  
Support  
Virginia Electric and Power Company  
Electronic Mail Distribution

Lillian M. Cuoco, Esq.  
Senior Counsel  
Dominion Resources Services, Inc.  
Electronic Mail Distribution

Executive Vice President  
Old Dominion Electric Cooperative  
Electronic Mail Distribution

Ginger L. Melton  
Virginia Electric and Power Company  
Electronic Mail Distribution

Attorney General  
Supreme Court Building  
900 East Main Street  
Richmond, VA 23219

Senior Resident Inspector  
North Anna Power Station  
U.S. Nuclear Regulatory Commission  
P.O. Box 490  
Mineral, VA 23117

Mr. David A. Heacock  
 President and Chief Nuclear Officer  
 Virginia Electric and Power Company  
 Innsbrook Technical Center  
 5000 Dominion Boulevard  
 Glen Allen, VA 23060-6711

SUBJECT: NORTH ANNA POWER STATION - NRC EMERGENCY PREPAREDNESS ANNUAL  
 INSPECTION REPORT 05000338/2010502 AND 05000339/2010502

Dear Mr. Heacock:

On December 31, 2010, the NRC staff completed its annual inspection of the Emergency Preparedness Program at the North Anna Power Station. This inspection began on January 1, 2010. Issuance of this letter closes Inspection Report 05000338/2010502 and 05000339/2010502. Inspection activities charged to these reports include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and, in some cases, performing traditional enforcement activities. Any observations and findings in this area were provided to you via separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

**/RA/**  
 Brian Bonser, Chief  
 Plant Support Branch 1  
 Division of Reactor Safety

Docket No.: 50-338, 50-339  
 License No.: NPF-4, NPF-7

cc w/encl.: (See page 2)

Distribution w/encl:

C. Evans, RII EICS (Part 72 Only)  
 L. Douglas, RII EICS (Linda Douglas)  
 OE Mail (email address if applicable)  
 RIDSNRRDIRS  
 PUBLIC  
 RidsNrrPMNorthAnna Resource

X PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE      X NON-SENSITIVE  
 ADAMS: X Yes      ACCESSION NUMBER: ML 110730786      X SUNSI REVIEW COMPLETE

OFFICE	RII: DRS	RII: DRP										
SIGNATURE	RA	RA										
NAME	B. BONSER	G. MCCOY										
DATE	03/09/2011	03/07/2011										
E-MAIL COPY?	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO

OFFICIAL RECORD COPY      DOCUMENT NAME: G:\DRS\PSB1\EMERGENCY PREPAREDNESS\ANNUAL CLOSEOUT  
 LETTERS\NORTH ANNA ANNUAL CLOSEOUT 2010.DOCX