



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 25, 2010

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, UNIT NOS. 1 AND 2 - DAM SAFETY
INSPECTION AND OPERATION REPORT FOR THE SERVICE WATER
RESERVOIR DAM

Dear Mr. Heacock:

On May 11, 2010, a routine safety inspection was conducted at Virginia Electric and Power Company's (VEPCO's) North Anna Power Station, Unit Nos. 1 and 2, service water reservoir (SWR) facilities that provide the cooling water for unit shutdown during emergency conditions. The staff of the U.S. Nuclear Regulatory Commission (NRC) has received and evaluated the final report from its technical assistance contractor, the Federal Energy Regulatory Commission (FERC), related to this inspection. The inspection did not identify any conditions that represent a threat to the safety or the operation of the SWR.

The NRC staff concurs with the conclusions stated in the FERC report (Enclosure). The inspection included the main earth dam, the emergency diversion dike, pump house, valve house, and the immediate topographic features around the SWR. Based on this inspection and data submitted by VEPCO, the SWR structures appeared to be adequately maintained and in satisfactory condition. No adverse variations, trends or anomalies were noted. No features were observed that would adversely affect the immediate safety, permanence, and operational reliability of the structure.

The information in the report is considered critical energy infrastructure information. Thus, the enclosure is considered sensitive security-related information, official use only, and is marked accordingly.

The enclosure transmitted herewith
contains security-related information.
When separated from the enclosure,
this document is decontrolled.

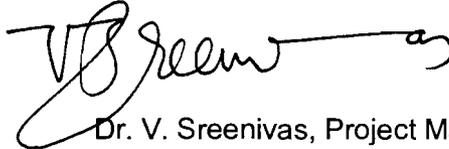


D. Heacock

- 2 -

The enclosure is designated as "non-public" and is not accessible by the public for review. If you have any questions regarding this matter, please feel free to contact me at (301) 415-2597.

Sincerely,



Dr. V. Sreenivas, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-338 and 50-339

cc w/o encl: Distribution via Listserv

The enclosure transmitted herewith contains security-related information. When separated from the enclosure, this document is decontrolled.



D. Heacock

- 2 -

The enclosure is designated as "non-public" and is not accessible by the public for review. If you have any questions regarding this matter, please feel free to contact me at (301) 415-2597.

Sincerely,

/RA/

Dr. V. Sreenivas, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-338 and 50-339

cc w/o encl: Distribution via Listserv

The enclosure transmitted herewith contains security-related information. When separated from the enclosure, this document is decontrolled.

DISTRIBUTION:

PUBLIC

RidsOgcRp Resource
RidsNrrPMNorthAnna Resource
RidsAcrcsAcnw_MailCenter Resource
RidsNrrLAMO'Brien Resource

LPL2-1 R/F
RidsRgn2MailCenter Resource
RidsNrrDorlLpl2-1 Resource
RidsNrrDeEmcb Resource
MKhanna, NRR

ADAMS Accession Nos.

Package: ML101720148

Non-Public Letter: ML101720110

Public Letter: ML101720264

OFFICE	NRR/LPL2-1/PM	NRR/LPL2-1/LA	NRR/DE/EMCB/BC	NRR/LPL2-1/BC	NRR/LPL2-1/PM
NAME	VSreenivas	MO'Brien	MKhanna	GKulesa (PTam for)	VSreenivas
DATE	06/22/10	06/22/10	06/23/10	06/25/10	06/22/10

OFFICIAL RECORD COPY