

April 14, 2016

MEMORANDUM TO: Michael T. Markley, Chief
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Operation

FROM: Eric R. Oesterle, Acting Chief */RA/*
Reactor Systems Branch
Division of Safety System
Office of Nuclear Reactor Regulation

SUBJECT: AUDIT PLAN - APPLICATION FOR AMENDMENT NORTH ANNA
POWER STATION, UNITS 1 AND 2. THE PROPOSED LICENSE
AMENDMENT REVISES THE ISSUES IDENTIFIED IN
WESTINGHOUSE DOCUMENTS NSAL-09-5. REV. 1 AND NSAL-
15-1 (TAC NO. MF7187)

By letter dated December 10, 2015 (ADAMS Accession No. ML15352A108), Dominion (the licensee) submitted a license amendment request (LAR) for the North Anna Power Station, Units 1 and 2. The proposed license amendment revises the North Anna Power Station Units 1 and 2 Technical Specifications To address the issues identified in two Westinghouse Nuclear Safety Advisory Letter, NSAL-09-5, Rev. 1 and NSAL-15-1, Rev. 0. The U. S. Nuclear Regulatory Commission staff proposes to conduct a regulatory audit to increase the efficiency of the license amendment request review. The audit plan is enclosed.

Enclosure:
Audit Plan

CONTACT: Fred M. Forsaty, NRR/DSS
(301) 415-8523

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DISTRIBUTION: FForsaty,NRR EOosterle,NRR

ADAMS Accession No.: ML16098A530

NRR-106

OFFICE	NRR/DSS/SRXB	NRR/DSS/SRXB:BC
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DATE	03/30/2016	4/ 14 /2016

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AUDIT PLAN - APPLICATION FOR AMENDMENT NORTH ANNA POWER STATION,

UNITS 1 AND 2.

**THE PROPOSED LICENSE AMENDMENT REVISES
THE ISSUES IDENTIFIED IN WESTINGHOUSE DOCUMENTS**

NSAL-09-5. REV. 1 AND NSAL-15-I (TAC NO. MF7187)

BACKGROUND

By letter dated December 10, 2015 (ADAMS Accession No. ML15352A108), Dominion (the licensee) submitted a license amendment request (LAR) for the North Anna Power Station, Units 1 and 2. The proposed license amendment revises the North Anna Power Station Units 1 and 2 Technical Specifications (TS). The proposed changes would revise the TS to address the issues identified in two Westinghouse communication documents. Specifically, the proposed changes will address the issues identified in:

- Westinghouse Nuclear Safety Advisory Letter NSAL-09-5, Rev. 1 by relocating required operating space reductions (power and axial flux difference) to the Core Operating Limits Report.
- Westinghouse Nuclear Safety Advisory Letter NSAL-15-1, Rev. 0 by defining TS surveillance requirements for steady-state and transient FQ (Z) (heat flux hot channel factor) and corresponding actions with which to apply an appropriate penalty factor to measured results.

REGULATORY AUDIT SCOPE

The U. S. Nuclear Regulatory Commission (NRC) staff will focus on the following topics during this audit:

- Discussions related to technical basis for all the Completion Times listed in the LAR.
- Discussions on Section 2.1 of the LAR, "Current use of Dominion Relaxed Power Distribution (RPDC), relocation of equations to the TS Bases, and revision of TS required Actions."
- Discussions on Section 2.2 of the LAR, "Surveillance requirements for the two representations of FQ (Z)."
- Discussions to support the information provided in Sections 2.3 of the LAR, specifically the last paragraph, "Based on Dominion's analytical assessment of internal and external operating experiences (e.g. Westinghouse Communication 06-IC-03, Reference 5), the magnitudes of the lower and upper core regions excluded from FQ surveillances had been proactively and conservatively reduced (in approximately 2006) from what was and is currently described in the North Anna Technical Specification Bases. An update to the Technical Specification Bases to expand the FQ axial surveillance regions is being tracked by Dominion's corrective action system."
- Discussions related to penalty factors for Flux Map Analysis (Table 3.2.-2 of the LAR).
- Provide an example of performing TS 3.2.1 – Conditions B, Required Actions and Completion Time.

ENCLOSURE

- Discussions related to COLR Reference List of Analysis Methods in meeting GL 88-16 Guidance, “approved methodology in COLR reference list that is used to determine core operating limits.”

TEAM AND REVIEW ASSIGNMENTS

V, Sreenivas, DORL/LPL II-1 - Project Manager

Fred M. Forsaty, DSS/SRXB - Lead Reviewer

DSS/SNPB TBD

LOGISTICS

Regulatory Audit Dates: April 26 to 27, 2016.

The regulatory audit will be held at Westinghouse Office in Rockville Maryland.

DELIVERABLES

A regulatory audit summary will be provided within 15 days of the completion of the audit.