

PMNorthAnna3COLPEmails Resource

From: Jessie, Janelle
Sent: Thursday, June 04, 2009 1:33 PM
To: Dominion.Naps3ColaRAI@DOM.COM
Cc: Regina.Borsh@dom.com; john.hayden@dom.com; Wanda.K.Marshall@dom.com; NorthAnna3COL Resource; Green, Sharon; Jessie, Janelle; Kevern, Thomas; Koenick, Stephen
Subject: North Anna RAI LETTER NO. 38
Attachments: RAI Letter No. 38 - SRP Section 1 - Intro and Interfaces - ML0915500160.pdf

Hi Gina,

Attached is the RAI letter for SRP SECTION: 01 - INTRODUCTION AND INTERFACES.

A copy has also been mailed.

Please call me if there are any questions.

Thanks

Janelle

Hearing Identifier: NorthAnna3_Public_EX
Email Number: 738

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5ECA3BE6F0C6)

Subject: North Anna RAI LETTER NO. 38
Sent Date: 6/4/2009 1:33:08 PM
Received Date: 6/4/2009 1:33:09 PM
From: Jessie, Janelle

Created By: Janelle.Jessie@nrc.gov

Recipients:

"Regina.Borsh@dom.com" <Regina.Borsh@dom.com>
Tracking Status: None
"john.hayden@dom.com" <john.hayden@dom.com>
Tracking Status: None
"Wanda.K.Marshall@dom.com" <Wanda.K.Marshall@dom.com>
Tracking Status: None
"NorthAnna3COL Resource" <NorthAnna3COL.Resource@nrc.gov>
Tracking Status: None
"Green, Sharon" <Sharon.Green@nrc.gov>
Tracking Status: None
"Jessie, Janelle" <Janelle.Jessie@nrc.gov>
Tracking Status: None
"Kevern, Thomas" <Thomas.Kevern@nrc.gov>
Tracking Status: None
"Koenick, Stephen" <Stephen.Koenick@nrc.gov>
Tracking Status: None
"Dominion.Naps3ColaRAI@DOM.COM" <Dominion.Naps3ColaRAI@DOM.COM>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

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MESSAGE	224	6/4/2009 1:33:09 PM	
RAI Letter No. 38 - SRP Section 1 - Intro and Interfaces - ML0915500160.pdf			94068

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

June 4, 2009

Mr. Eugene S. Grecheck
Vice President - Nuclear Development
Dominion
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 038 (SRP
SECTION: 01 - INTRODUCTION AND INTERFACES) RELATED TO THE
NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION

Dear Mr. Grecheck:

By letter dated November 26, 2007, Dominion Virginia Power (Dominion) submitted a combined license application for North Anna Unit 3 pursuant to 10 CFR Part 52. The U.S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application.

The staff has identified that additional information is needed to continue portions of the review and the request for additional information (RAI) is contained in the enclosure to this letter. To support the review schedule, Dominion is requested to respond within 90 days of the date of this letter. If the RAI response involves changes to application documentation, Dominion is requested to include the associated revised documentation with the response.

Should you have questions, please contact me at (301) 415-6775 or Janelle.Jessie@nrc.gov.

Sincerely,

/RA/

Janelle B. Jessie, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-017

Enclosure: Request for Additional Information

Mr. Eugene S. Grecheck
Vice President - Nuclear Development
Dominion
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

June 4, 2009

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 038 (SRP SECTION: 01 - INTRODUCTION AND INTERFACES) RELATED TO THE NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION

Dear Mr. Grecheck:

By letter dated November 26, 2007, Dominion Virginia Power (Dominion) submitted a combined license application for North Anna Unit 3 pursuant to 10 CFR Part 52. The U.S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application.

The staff has identified that additional information is needed to continue portions of the review and the request for additional information (RAI) is contained in the enclosure to this letter. To support the review schedule, Dominion is requested to respond within 90 days of the date of this letter. If the RAI response involves changes to application documentation, Dominion is requested to include the associated revised documentation with the response.

Should you have questions, please contact me at (301) 415-6775 or Janelle.Jessie@nrc.gov.

Sincerely,

/RA/

Janelle B. Jessie, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-017
Enclosure: Request for Additional Information
Distribution:
TKevern, NRO Eudy, NRO
NRO_DNRL_NGE1
SGreem, NRO
SKirkwood, OGC
JJessie, NRO

E-RAI Tracking No: 2829
ADAMS Accession No.: ML091550016

OFFICE	TR: NGE1	BC: NGE1	PM:DNRL:NGE1	OGC (NLO)	PM:DNRL:NGE1
NAME	TKevern*	JCruz*	TKevern*	SBrock-Kirkwood*	TKevern*
DATE	5/12/09	5/12/09	5/21/09	5/29/09	5/29/09

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

**Request for Additional Information
North Anna, Unit 3
Dominion
Docket Number 52-017**

**SRP Section: 01 - Introduction and Interfaces
Application Section: Part 1**

QUESTIONS for ESBWR/ABWR Projects 1 (NGE1)

01-4

The purpose of this RAI is to 1) determine if the proposed standard license conditions for 10 CFR Part 30, 40, and 70 are appropriate for the North Anna Unit 3 COL application and 2) request additional information in the application to address program elements to ensure that Dominion will have in place the necessary controls to allow receipt of byproduct and source material prior to the 10 CFR 52.103(g) finding.

In the North Anna Unit 3 COL application transmittal letter, dated November 26, 2007, and in Part 1, General and Administrative Information, of the application, Dominion requested such other licenses as would be required for receipt, possession and use of source, byproduct and special nuclear material in connection with the operation of Unit 3. The staff notes that such licenses would be in accordance with Commission regulations in 10 CFR Parts 30, 40, and 70.

In a memorandum (ML083030065) dated December 9, 2008, the staff proposed the following standard license conditions and requirements regarding 10 CFR Parts 30, 40, and 70:

- (1) (i) Pursuant to the Act and 10 CFR Part 70, to receive and possess at any time, special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, described in the final safety analysis report (FSAR), as supplemented and amended;
- (ii) Pursuant to the Act and 10 CFR Part 70, to use special nuclear material as reactor fuel, after the finding in Section 2.D(1) of this license has been made, in accordance with the limitations for storage and amounts required for reactor operation, and described in the FSAR, as supplemented and amended;
- (2) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use, at any time, any byproduct, source, and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
- (3) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts as required, any byproduct, source, or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and
- (4) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

Please discuss whether the above proposed standard license conditions and requirements are considered appropriate to support the North Anna COL application.

In addition, please discuss, and provide additional information as needed, which parts of the application provide sufficient information to support compliance with the applicable portions of 10 CFR Part 30 and 40. For example, describe how you have addressed in the application the radiation protection program, security and fire protection program elements that will be in place prior to receipt of the byproduct or source material authorized by the proposed license above. Note that the staff believes that its current review of the North Anna COL application will identify the necessary controls regarding the receipt of new fuel on site in accordance with 10 CFR Part 70.