PMNorthAnna3COLPEmails Resource

From: Laura Quinn
Sent: Friday, June 20, 2008 12:29 PM
To: Dominion.Naps3ColaRAI@DOM.COM
Subject: FW: RAIs ML0816305830.doc
Attachments: RAIs ML0816305830.doc

Here are the RAIs/letter.

From: Laura Quinn
Sent: Wednesday, June 18, 2008 2:48 PM
To: 'Tony.Banks@dom.com'
Subject: RAIs ML0816305830.doc

These are the RAIs I am working on an official email for today and hardcopy getting mailed out today for arrival tomorrow.
Laura

Hearing Identifier: NorthAnna3_Public_EX
Email Number: 77

Mail Envelope Properties (Laura.Quinn@nrc.gov20080620122900)

Subject: FW: RAIs ML0816305830.doc
Sent Date: 6/20/2008 12:29:18 PM
Received Date: 6/20/2008 12:29:00 PM
From: Laura Quinn

Created By: Laura.Quinn@nrc.gov

Recipients:
"Dominion.Naps3ColaRAI@DOM.COM" <Dominion.Naps3ColaRAI@DOM.COM>
Tracking Status: None

Post Office:

Files	**Size**	**Date & Time**
MESSAGE	293	6/20/2008 12:29:00 PM
RAIs ML0816305830.doc	48238	

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

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE ENVIRONMENTAL REVIEW OF THE COMBINED LICENSE APPLICATION FOR NORTH ANNA POWER STATION, UNIT 3

Mr. Grecheck:

Attached are requests for additional information (RAI) generated by the U.S. Nuclear Regulatory Commission (NRC) staff during its review of the Dominion Virginia Power (Dominion) North Anna Power Station, Unit 3 environmental report and the site audit conducted in April 2008. The NRC requests that Dominion provide responses to these RAIs within 30 calendar days of this letter in order to support the combined license application review schedule. If you have any questions, please contact me at (301) 415-1878.

Sincerely,

Laura M. Quinn, Deputy Project Manager
Environment Projects Branch 2
Division of Site and Environmental Reviews
Office of New Reactors

Docket No.: 52-017

Enclosure: as stated

cc: See next page

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 REGARDING THE ENVIRONMENTAL REVIEW OF THE COMBINED LICENSE APPLICATION FOR NORTH ANNA POWER STATION, UNIT 3

Mr. Grecheck:

Attached are requests for additional information (RAI) generated by the U.S. Nuclear Regulatory Commission (NRC) staff during its review of the Dominion Virginia Power (Dominion) North Anna Power Station, Unit 3 environmental report and the site audit conducted in April 2008. The NRC requests that Dominion provide responses to these RAIs within 30 calendar days of this letter in order to support the combined license application review schedule.

If you have any questions, please contact me at (301) 415-1878.

Sincerely,

Laura M. Quinn, Deputy Project Manager
Environment Projects Branch 2
Division of Site and Environmental Reviews
Office of New Reactors

Docket No.: 52-017
Enclosure: as stated

cc: See next page

DISTRIBUTION:
PUBLIC
RAP2 R/F

AWilliamson, NRO	RWeisman, OGC	RHolmes	RRaione,NRO
LQuinn, NRO	TKevern, NRO	KClark, RII	RidsRgn2MailCenter
RHannah, RII	RidsNroDser	RidsOpaMailResource	TDosier, NRO
Bill.Sandusky@pnl.gov	Adam.Davis@pnl.gov		

ML081630583

OFFICE	PM:DSER:RAP2:NRO	LA:DSER:RAP2:NRO	OGC	BC:DSER:RAP2:NRO
NAME	AWilliamson	ARedden	RWeisman	RRaione
DATE	06/17/08	06/13/08	06/17/08	06/18/08

OFFICIAL RECORD COPY

Environmental Review
Requests for Additional Information

ER Section 2.4-1: Provide updated accounting of habitat types within the construction footprint, the total size of the footprint, and the number of acres of each habitat type within the footprint. Describe the proportion that will be permanently and temporarily impacted by habitat type. Provide an overlay of the construction footprint on a habitat map of the site.

ER Section 2.4-2: Provide documentation of the latest information on site wetland and stream evaluation. Confirm the values of 1.57 acres of non-tidal wetlands and 3597 feet of stream bed that are expected to be permanently disturbed. If these values are incorrect please provide the correct values. Describe the mitigation methods that are being considered and or will be employed and the U.S. Army Corp of Engineers / Virginia Department of Environmental Quality (ACOE/VDEQ) interaction that support the mitigation decisions.

ER Section 2.4-3: Provide a map of the habitat types along the Ladysmith transmission corridor, and the proportion (in percent) of each habitat type along the right-of-way.

ER Section 4.1-1: Provide a USGS 7.5 minute map with construction boundaries (including lay down areas) and cultural survey areas.

ER Section 9.2-1: For an alternative coal fired plant, provide information normalized to 1500 MWe for annual coal consumption, quantities of solid waste products (ash and sludge) generated annually, percentage of solid waste products that can likely be recycled and for what uses, landfill acres needed to dispose of solid waste products over the life of the plant, annual emissions of mercury, annual emissions of PM_{10} and $PM_{2.5}$, and annual consumption of limestone used for control of air emissions.

ER Section 9.2-2: For an alternative natural gas fired plant, provide information normalized to 1500 MWe for annual emissions of PM_{10} and $PM_{2.5}$, and the distance to the nearest natural gas pipeline to the North Anna Power Station (NAPS) site.

ER Section 3.4-1: To the extent information is available describe the Unit 3 Intake design, including the lagoon and any culverts through the coffer dam, and the new intake structure dimensions, the design flow velocity, the fish screens, and other features. Provide updated figures of the intake area (plan view), the planned intake structure, and flow path.

ER Section 10.4-1: Quantify the benefits shown in Table 10.4.1 and the costs shown in Table 10.4.2 in monetary or other appropriate the terms whenever practicable and determine their significance to the region. Estimate missing or un-quantified “internal” benefits such as the market value of net electrical generation of the proposed plant and external benefits such as local and regional environmental improvements. In considering costs, provide monetary estimates of missing internal costs, such as allowance for funds used during construction (unless they are already included in the overnight cost estimate already provided) and the estimated capital cost of added transmission lines to support the proposed project even if the lines are not paid for by the applicant. To the extent practicable, monetize significant external costs, such as the direct costs to the regional environment. In considering external costs, if practicable estimate the annualized monetary value of the external cost associated with the MODERATE hydrologic impacts during droughts, and describe or reference the method used to develop the cost data.

Enclosure