October 29, 2004

Mr. David A. Christian
Senior Vice President and Chief Nuclear Officer
Dominion Resources Services
Innsbrook Technical Center
5000 Dominion Blvd.
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SUBJECT: SUPPLEMENTAL REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING THE ENVIRONMENTAL PORTION OF THE EARLY SITE PERMIT (ESP) APPLICATION FOR THE NORTH ANNA SITE (TAC NO. MC1128)

Dear Mr. Christian:

As a result of the staff's continuing review of the environmental portion of the application by Dominion Nuclear North Anna, LLC (Dominion) for an early site permit at the North Anna ESP site, the staff has identified areas where additional information is needed to complete its review. Specifically, the staff has identified the need for additional information regarding the uranium fuel cycle environmental data as required by Title 10 Code of *Federal Regulations* Section 51.51a (10 CFR 51.5(a)). Enclosed is the staff's RAI. As discussed with your staff, we request that you expeditiously provide your response to this RAI in order to support the early site permit review schedule. If you have any questions, please contact me at (301) 415-1424.

Sincerely,
/RA/
Jack Cushing, Senior Project Manager
Environmental Section
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No.: 52-008

Enclosure: As stated

cc w/enclosure: See next page

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DATE	10/28/04	10/28/04	10/28/04	10/28/04	10/29/04

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Supplemental Request for Additional Information Regarding
Dominion Nuclear North Anna, LLC (Dominion) Early Site Permit Application
For the North Anna ESP Site

Section number refers to the applicant's environmental report (ER) for the early site permit (ESP).

Section 5.7 Uranium Fuel Cycle Impacts

E5.7-1

The North Anna ESP environmental report used Table S-3 as the basis for evaluating the contribution of the environmental effects of the fuel cycle. Table S-3, however, did not estimate releases or consider the environmental effects of radon-222 and technetium-99. The effects of these gases should be included in the environmental report. Provide a detail analysis of estimated releases and environmental effects of radon-222 and technetium-99 for the uranium fuel cycle.

North Anna Early Site Permit
Dominion Nuclear North Anna, LLC

cc:

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