

September 26, 2006

APPLICANT: Dominion Nuclear North Anna LLC

FACILITY: North Anna Early Site Permit

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE AND SITE AUDIT WITH
DOMINION NUCLEAR NORTH ANNA LLC REGARDING THE NORTH ANNA
EARLY SITE PERMIT REVIEW (TAC NOS. MC1127 AND MC1128)

The U.S. Nuclear Regulatory Commission (NRC) staff conducted teleconference on September 6, 2006, and a site audit on September 08, 2006, with Dominion Nuclear North Anna, LLC (Dominion) to discuss the review of the bounding value for the tritium concentrations in liquid effluent releases. Enclosure 1 is a list of participants for both the teleconference and the audit.

September 6, 2006, Conference Call

By letter dated August 15, 2006, the staff issued Supplement 1 to the Final Safety Evaluation Report (FSER) for the North Anna early site permit (ESP) site to Dominion for a proprietary review. During the proprietary review period, Dominion informed the staff that the bounding value for the total tritium concentration in liquid effluent releases could potentially exceed the Environmental Protection Agency (EPA) drinking water standards. During the conference call, Dominion agreed to reduce the bounding value for tritium activity release (associated with the ACR-700 design) to ensure that the tritium concentration in liquid effluent is less than both the 10 CFR Part 20 limit and the EPA drinking water standards and incorporate the revised tritium concentrations in the liquid effluent releases and dose consequences results in its ESP application for the North Anna site.

September 8, 2006, Site Audit

During the site audit, the staff reviewed the revised tritium concentration value and the dose consequences calculations discussed during the above conference call. Dominion agreed to submit Revision 09 to the ESP application on September 14, 2006.

/RA/

Nitin Patel, Project Manager
ESBWR/ABWR Projects Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 52-008

Enclosure: As stated

cc w/encls: See next page

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ADAMS ACCESSION NO. ML062620039

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Distribution for Teleconference Summary dated September 26, 2006

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September 6, 2006, TELECONFERENCE WITH DOMINION

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September 8, 2006, SITE AUDIT

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