



August 24, 2004

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555-0001

Serial No. 04-326  
NL&OS/SLW R0"  
Docket Nos. 50-280, 281  
50-338, 339  
50-245, 336, 423  
72-2, 16, 47  
71-0194, 0207  
License Nos. DPR-32, 37  
NPF-4, 7  
DPR-21, 65  
NPF-49  
SNM-2501, 2507

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**DOMINION NUCLEAR CONNECTICUT, INC.**  
**SURRY POWER STATION UNITS 1 AND 2 AND ISFSI**  
**NORTH ANNA POWER STATION UNITS 1 AND 2 AND ISFSI**  
**MILLSTONE POWER STATION UNITS 1, 2 AND 3 AND ISFSI**  
**ASSOCIATED RADIOACTIVE MATERIAL PACKAGES**  
**NUCLEAR FACILITY QUALITY ASSURANCE PROGRAM DESCRIPTION**  
**TOPICAL REPORT DOM-QA-1, REVISION 0**

In accordance with 10 CFR 50.54(a)(4), Virginia Electric and Power Company (Dominion) and Dominion Nuclear Connecticut, Inc. (DNC) are submitting a revision to the respective station's Quality Assurance Program (Topical Report) for your review and approval. The new document, Nuclear Facility Quality Assurance Program Description (Topical Report DOM-QA-1), is a complete revision and replaces in total North Anna and Surry Power Station's Topical Report, currently UFSAR Chapter 17, and Millstone Power Station's Topical Report. We are submitting the entire change as a reduction in commitment. Dominion also requests NRC review and approval to apply the new Topical Report to 10 CFR 71 and 10 CFR 72 activities in accordance with 10 CFR 71.101(f) and 10 CFR 72.140(d) respectively. The new Topical Report is based on 10 CFR 50, Appendix B and ANSI/ASME NQA-1-1994.

This proposed transition to NQA-1 was discussed in a meeting between Dominion and the NRC September 24, 2003. The new Topical Report provides a base quality assurance program. Following approval and plant-specific implementation, the Topical Report will become the common quality assurance program for all nuclear sites operated by Dominion.

Since the proposed change is a complete revision, a mark-up was deemed impractical and is not provided. The proposed Topical Report is provided as Attachment 1 and a discussion of changes is provided as Attachment 2. As required by 10 CFR 50.54(a)(4)(ii), Attachment 2 provides for each plant a comparison of that plant's existing program with the new Topical Report, identifies any changes considered to be reductions in commitment, and provides a basis for concluding the program, as changed, continues to meet 10 CFR 50, Appendix B requirements. To assist in the review a comparison table between the previous standards and the new standards is being provided as Attachment 3. In addition, a table of where ANSI N18.7 requirements are addressed by NQA-1 and the new Topical Report is provided as Attachment 4. Copies of the current Topical Reports are included as Attachment 5 for North Anna and Surry and Attachment 6 for Millstone.

CD-ROMs containing the above-mentioned attachments are being provided as applicable to meet required distribution and copy requirements. One CD-ROM provided with this letter (Enclosure 1) is for use by the Document Control Desk. An additional copy is being sent directly to both the Region I and Region II offices. Likewise, a CD-ROM is being sent directly to the applicable Senior Resident Inspectors and other individuals designated in the distribution list for this letter.

Each CD-ROM copy contains the following information:

- Cover letter Serial Number 04-326, (0\_DOMINION\_LETTER\_04-326\_QA\_TOPICAL\_REPORT.PDF, 159kb), publicly available
- Attachment 1, Proposed QA Topical Report DOM-QA-1, Revision 0 (1\_DOM-QA-1-REV\_0-DRAFT\_07-06-04.PDF, 627kb)
- Attachment 2, Discussion of Changes (2\_DISCUSSION\_OF\_CHANGES\_05-07-04.PDF, 96kb)
- Attachment 3, Comparative Analysis of Current N45.2 Series QA Standards to NQA-1-1994 Standards (3\_COMPARATIVE\_ANALYSIS\_N45\_TO\_NQA.PDF, 4133kb)
- Attachment 4, Table of Where ANSI N18.7 Requirements are Addressed by NQA-1-1994 and/or the New Topical Report (4\_N18-7\_TO\_NQA-1\_QAPD.PDF, 196kb)
- Attachment 5, Current North Anna and Surry QA Program Topical Report (5\_NAPS\_SPS\_CURRENT\_QA\_TOPICAL.PDF, 678kb)
- Attachment 6, Current Millstone QA Program Topical Report (6\_MPS\_CURRENT\_QA\_TOPICAL.PDF, 242kb)

Dominion requests NRC review be completed by March 31, 2005, and an implementation date specified as within six months following approval. The requested review schedule is based on supporting overall activities related to Dominion plant operations, North Anna Early Site Permit project and Independent Spent Fuel Storage Installation projects.

If you have any questions or require additional information please contact Dave Sommers at (804) 273-2823.

Very truly yours,



David A. Christian  
Senior Vice President  
Nuclear Operations and Chief Nuclear Officer  
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Dominion Nuclear Connecticut, Inc.

Commitments made in this letter:

1. None

Enclosure:

1. CD-ROM of cover letter with attachments:

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