

Dominion

Quality Assurance Program Description

Consolidated Program for All
Nuclear Facilities



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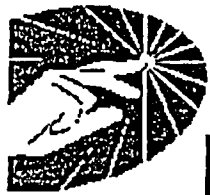
Purpose

- Discuss plans for a consolidated QA Program
- Obtain any feedback or lessons learned from other submittals



Program Applicability

- Have a Quality Assurance Program that will apply to multiple nuclear facilities
- Operation and decommissioning of Surry, North Anna, and Millstone and any associated ISFSI
- New acquisitions
- New construction



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New QAPD

- Based on NQA-1–1994
- Upgrade to common commitments where practicable
- Include new design and construction activities



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Program Scope

- All phases of the life of a nuclear facility
 - Design
 - Construction
 - Operation
 - Decommissioning



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Applicable Facilities

- Nuclear Power Stations
- Independent Spent Fuel Storage Installations



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Applicable Activities

- Those governed by 10 CFR 50, App. B
- Those requiring QA measures not governed by App. B
 - ISFSI
 - Radioactive Material Shipping
 - Security
 - Emergency Preparedness
 - Other Programs



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Program Format

- Follows the 18 criteria of 10 CFR 50, Appendix B
 - Similar to SRP chapters ~~17.1 and 17.2~~, and Draft Review Standard RS-002, Section 17.1.1.
 - SRP chapter 17.3 used as guidance since it addresses NQA-1 and withdrawal of certain Regulatory Guides not addressed in 17.1 and 17.2 acceptance criteria



Program Format

- Describes the high-level Quality Assurance program
- Will not describe details that are already contained within standards



Major Changes

- Transition to NQA-1–1994
 - Reduce the use of multiple standards by incorporating administrative controls described in ANSI N18.7/ANS 3.2 that are not already included in NQA-1
- Generic organizational description



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Major Changes

- Common alternatives where feasible
 - Proposed QC program for North Anna and Surry currently in NRC review
 - Independent review program that addresses the ISEG functions



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Major Changes

- New items not covered by the Operating QA Program
 - Siting for new facilities, and any limited work activities covered under the early site permit



Areas to Resolve

- Level of detail required in describing the organizational structure
 - Improved Technical Specifications
 - Administrative Letter 95-06
 - Generic descriptions allowed by 50.54(a)
 - Comparison to other utilities' QAPD



Areas to Resolve

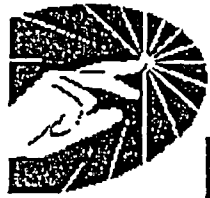
- Different standards for qualification of personnel
 - Technical Specifications differ between sites
 - Intend to refer to the applicable Technical Specifications, then to QAPD where not stated in Technical Specifications
 - Otherwise this could require as many as nine TS changes



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Submittal to NRC

- Submit as a new program
 - Covers activities not addressed by the current existing Operational QA programs
 - Change to the NQA-1 standards
- Submittal in November 2003



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Submittal to NRC

- Request Common Review
 - One Project Manager coordination
 - One set of reviewers
 - One Quality Assurance Program for multiple dockets