



**Dominion**

# Quality Assurance Program Description

Consolidated Program for All  
Nuclear Facilities



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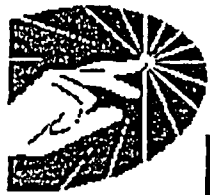
## Purpose

- 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

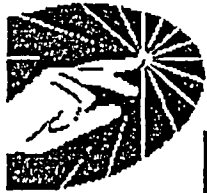
- Nuclear Power Stations
- Independent Spent Fuel Storage Installations



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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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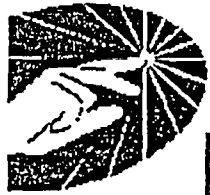
## Major Changes

- 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



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## 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