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June 10, 1994

Docket Nos. 50-213  
50-245  
50-336  
50-423  
B14869

Re: 10CFR50.54

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Haddam Neck Plant  
Millstone Nuclear Power Station, Unit Nos. 1, 2, & 3  
Annual Reporting of Changes to the Quality Assurance Program  
Proposed Revision 17 to the Northeast Utilities  
Quality Assurance Program Topical Report

In accordance with 10CFR50.54(a)(3), transmitted herewith is proposed Revision 17 of the Northeast Utilities Quality Assurance Program (NUQAP) Topical Report for your review and acceptance. Proposed changes to the Topical Report are shown as text in bold italics. The issue and basis for each change are detailed in Attachment A which is arranged in a sequence which coincides with the Topical Report sections. Attachment A does not include minor editorial or typographical changes, in accordance with 10CFR50.54(a)(3)(ii).

The changes included in proposed Revision 17 of the NUQAP Topical Report have the effect of upgrading our Quality Assurance Program, which continues to meet the criteria of 10CFR50, Appendix B.

Please note that the draft NUQAP Topical Report is shown as Revision 17 without a date. This draft will be issued as Revision 17 and dated the same as the effective date of NRC Staff acceptance when received or within sixty days following this submittal, as prescribed in 10CFR50.54(a)(3)(iv).

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If you have any questions regarding this submittal, please contact Mr. Timothy G. Murray at (203) 665-5975.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY

FOR: J. F. Opeka  
Executive Vice President

  
\_\_\_\_\_

BY: E. A. DeBarba  
Vice President

cc: T. T. Martin, Region I Administrator  
A. B. Wang, NRC Project Manager, Haddam Neck Plant  
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P. D. Swetland, Senior Resident Inspector, Millstone Unit  
Nos. 1, 2, and 3

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Attachment A

Haddam Neck Plant  
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3

Summary of Proposed Changes to  
NUQAP Topical Report Revision 16

June 1994

## ATTACHMENT A

### Summary of Proposed Changes to NUQAP Topical Report Revision 16

#### General

- \* Proposed additions, except for editorial and typographical changes, are shown as *bold italics*.
- \* Proposed deletions, except for editorial and typographical changes, are shown by revision bars in the left margin, immediately prior to the deleted text.
- \* Editorial and typographical changes are not listed in this summary. These changes do not revise the intent of the Topical Report.
- \* The title for Nuclear Engineering and Operations was changed to Nuclear Group.
- \* The department title Quality Services was changed to Quality and Assessment Services.
- \* The Department title Generation Construction was changed to Maintenance Services.
- \* The title NUSCO Superintendent, Generation Construction was changed to Director, Maintenance Services.

#### QAP Abstract

- \* Added Station Blackout Quality Assurance (SBOQA) requirement.

#### QAP Policy Statement

- \* Added Station Blackout Quality Assurance (SBOQA) requirement.
- \* Clarified the role of the Executive Vice President and Chief Financial Officer.

#### QAP Introduction

- \* Added Station Blackout Quality Assurance (SBOQA) requirement.

#### QAP 1.0

- \* Revised paragraph 1.1 to delete construction and cost and scheduling from under NUSCO.
- \* Revised paragraph 1.2.1 to reflect organizational changes, and transfer ultimate responsibility of the NUQAP to the Executive Vice President-Nuclear as indicated in paragraph 1.2.2.
- \* Revised paragraph 1.2.2.1 for clarification.

- \* Deleted the first paragraph of section 1.2.3 to reflect organizational changes with the Executive Vice President and Chief Financial Officer.
- \* Revised paragraph 1.3.1 to delete the Director-Quality Services from administratively reporting to the Vice President-Nuclear, Operations Services.
- \* Revised paragraph 1.4 to reflect department name change of Nuclear Licensing Department, and to add Quality and Assessment Services under the Executive Vice President-Nuclear.
- \* Revised paragraphs 1.4.1, 1.4.1.1, and 1.4.1.2 to reflect organizational changes under the Vice President-Nuclear, Engineering Services.
- \* Deleted paragraph 1.4.1.3. Director-Field Services is now Director-Maintenance Services, and reports to Senior Vice President, Millstone.
- \* Deleted paragraph 1.4.1.4. These functions are included in paragraph 1.4.1.2 of revision 17.
- \* Revised paragraph 1.4.2 to delete Quality and Assessment Services from under the Vice President-Nuclear, Operations Services, and add Nuclear Operations Support Services.
- \* Relocated paragraph 1.4.2.2, which discussed Quality Services, to paragraph 1.4.6. Paragraph 1.4.2.2 now discusses Emergency Preparedness.
- \* Deleted and added functions to paragraph 1.4.3.
- \* Revised paragraph 1.4.5 to reflect new responsibilities.
- \* Revised paragraph 1.4.6 to relocate Director-Quality and Assessment Services as a direct report to Executive Vice President-Nuclear.
- \* Revised paragraph 1.5.1 to reflect organizational changes.
- \* Revised paragraph 1.5.2 to reflect organizational changes within Information Resources Group.
- \* Figure 1.2 - The following changes are the result of the Nuclear Group reorganization:
  - a) Director-Quality and Assessment Services functionally and administratively reports to the Executive Vice President-Nuclear.
  - b) Director, Nuclear Licensing was changed to Director, Nuclear Planning, Licensing and Budgeting.
  - c) Executive Vice President-Nuclear reports to Executive Vice President and Chief Financial Officer.

d) Vice President-Purchasing and General Services reports to Sr. Vice President-Human Resources and Administrative Services.

e) Manager, Performance Enhancement Programs reports to Executive Vice President-Nuclear.

\* Figure 1.3 - The following changes are the result of the Nuclear Group reorganization:

a) Engineering departments have been unitized to four sites, each with similar branch sections.

b) Director Field Services no longer reports to the Vice President-Nuclear, Engineering Services.

c) MOV Program Team Leader reports to Vice President-Nuclear, Engineering Services.

d) Engineering Support branch is under the Director-Nuclear, Engineering.

e) Condenser Project added under Director, Nuclear Engineering (MP1).

f) Cost and Scheduling functions are deleted under the Vice President-Nuclear, Engineering Services. This function is the responsibility of the Outage Manager, Work Planning and Control.

\* Figure 1.4 - The following changes are the result of the Nuclear Group reorganization:

a) Director, Quality Services no longer reports to the Vice President-Nuclear, Operations Services.

b) Generation Test Services no longer reports to the Director, Nuclear Maintenance.

c) Technical Support Programs changed to Emergency Preparedness Technical Programs.

d) Clarified Operator Training under Director, Nuclear Training.

e) Listed groups under Manager-Nuclear Operations Support Services.

\* Figure 1.5 - The following changes are the result of the Nuclear Group reorganization:

a) Maintenance Services Director reports to Sr. Vice President-Millstone Station.

b) Director, Quality and Assessment Services reports functionally and administratively to the Executive Vice President-Nuclear.

\* Figure 1.5 - Added Vice President-Nuclear, Engineering Services, and Director

Nuclear Safety Concerns Program to correct the omission of these organizations from this organizational chart.

- \* Figure 1.5.A
  - a) The Engineering Manager was deleted from previous revisions.
  - b) The Administrator Occupational Health was added as a report to Nuclear Services Director.
  - c) Plant Equipment Operators title changed to Nuclear System Operators.
- \* Figure 1.5.B - The following changes are the result of the Nuclear Group reorganization:
  - a) Site Services Director has the new responsibilities listed.
  - b) Maintenance Services Director reports to the Sr. Vice President-Millstone Station.
  - c) Engineering Manager no longer reports to the Nuclear Unit Director.
  - d) Unit 3 Operations Manager is not a Licensed Senior Operator. See Appendix F, Exception #8.
  - e) Outage Manager, Work Planning and Control reports to Unit Director.
- \* Figure 1.6 was revised to reflect organizational changes within the Information Resources Group.

#### QAP 3.0

- \* Responsibilities of NUSCO and/or Project Services Department have been changed to Nuclear Engineering Services.
- \* Revised paragraph 3.2 to clarify Nuclear Fuel Engineering's role.

#### QAP 6.0

- \* Revised paragraph 6.2.2 to delete Acknowledgement Receipt Forms as a requirement.

#### QAP 12.0

- \* Revised paragraph 12.2.2 to delete requirement for NUSCO Manager authorization because there is no value added to this approval.

#### QAP 16.0

- \* Revised paragraph 16.2.3 to assign Quality and Assessment Services the responsibility of determining appropriate significance levels.

## QAP 18.0

- \* Revised paragraph 18.2.4 to assign Quality and Assessment Services the responsibility of determining appropriate significance levels.

## Appendix C

- \* Various procedures have been added or deleted from this " List of Typical Quality Assurance Related Procedures."

## Appendix E

- \* Added Augmented Quality definition.
- \* Added Station Blackout Quality Assurance (SBOQA) definition.

## Appendix F

- \* Added second NNECO storage vault, and corrected wording in Topical Report to accurately reflect the original exception which discusses vault at NNECO in generic terms.
- \* Revised exception #2 to allow alternates to the NRB's. Previously, NRB charter did not allow alternates.
- \* Added exception #8 to reflect an alternative to Unit 3 license requirement to allow the Operations Assistant to hold the SRO license if the Operations Manager has been certified in accordance with section 4.2.2 of ANSI/ANS 3.1-1987.