

NORTHEAST UTILITIES

THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HARTFORD WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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March 30, 1990

Docket No. 50-213

B13488

Re: 10CFR50, Appendix R
ISAP Topic 1.14.2

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

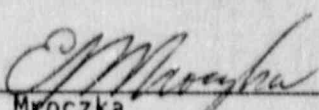
Haddam Neck Plant
Bimonthly Progress Report No. 21
New Switchgear Building Construction

On September 30, 1986, ⁽¹⁾ Connecticut Yankee Atomic Power Company (CYAPCO) committed to provide the NRC Staff with updated bimonthly progress reports in accordance with the major milestone schedule for construction of the new switchgear building at the Haddam Neck Plant. The purpose of this letter is to provide the NRC Staff with the twenty-first of these reports. Bimonthly Progress Report No. 21 is included as Attachment 1.

We trust you will find this information satisfactory, and we remain available to assist you in the review of this matter.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY


E. J. Myoczka
Senior Vice President

cc: T. T. Martin, Region I Administrator
J. T. Shedlosky, Senior Resident Inspector, Haddam Neck Plant
A. B. Wang, NRC Project Manager, Haddam Neck Plant

(1) J. F. Opoka letter to C. I. Grimes, dated September 30, 1986, "Haddam Neck Plant, Major Implementation Milestones, New Switchgear Building Construction."

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Attachment 1

Haddam Neck Plant
Bimonthly Progress Report No. 21
New Switchgear Building Construction

March 1990

Haddam Neck Plant
Bimonthly Progress Report No. 21
New Switchgear Building Construction

SUMMARY

In a letter dated June 30, 1986,⁽¹⁾ the Connecticut Yankee Atomic Power Company (CYAPCO) provided the NRC Staff with the conceptual design information for the new switchgear building at the Haddam Neck Plant, including a description of the new facility. The major milestone schedule for the construction and implementation phases of this project was provided to the NRC Staff in a letter dated September 30, 1986⁽²⁾ and supplemented by a letter dated September 30, 1988.⁽³⁾ These letters committed to provide the NRC Staff with bimonthly progress reports. The following is a breakdown of the major activities accomplished and ongoing for the twenty-first reporting period.

PROJECT SUMMARY

The 1989 Refueling Outage started on September 2, 1989. All construction work has been completed with the exception of minor punchlist items. Engineering efforts are focused on document review, turnover and as-building of design documents.

The Appendix R portion of the service water testing is ongoing. The balance of the integrated testing will be completed as plant conditions permit. CYAPCO will continue to provide the NRC staff with updated bimonthly progress reports through the completion of this outage, currently projected to be July of 1990.

Details on remaining Engineering & Construction activities are included in Section 1 and 2.

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- (1) J. F. Opeka letter to C. I. Grimes, dated June 30, 1986, "Haddam Neck Plant, Conceptual Design of the New Switchgear Room."
 - (2) J. F. Opeka letter to C. I. Grimes, dated September 30, 1986, "Haddam Neck Plant, Major Implementation Milestones, New Switchgear Building Construction."
 - (3) E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, dated September 30, 1988, "Haddam Neck Plant, Bimonthly Report No. 12, New Switchgear Building Construction."

SUMMARY OF MAJOR WORK ACTIVITIES

1.0 Engineering

1.1 General

Engineering activity this reporting period was primarily focused on:

- o PDCR turnover for test and release to operations.
- o Continuing as-built efforts.

2.0 Construction

2.1 Construction is essentially complete. Punchlist completion for the project and construction turnover is on-going.

2.2 New Switchgear Building (PDCR No. 865)

Work is complete. The PDCR has been released to Operations.

2.3 Ductbanks (PDCR No. 873)

All work is complete. The PDCR has been released to Operations.

2.4 Stairtowers and Walkways (PDCR No. 876)

All work is complete. The PDCR has been released to Operations.

2.5 HVAC Installation (PDCR No. 868)

Testing of ventilation and air conditioning including air balancing was completed. The portion of the PDCR for the HVAC system for the third floor of the new switchgear building has been released to operations. The construction turnover for the first and second floor is complete. Working on release to Operations.

2.6 New Switchgear Building Raceway (PDCR No. 900)

The PDCR has been partially released to Operations. Final release to Operations in progress.

2.7 Appendix R Raceway (PDCR No. 901)

Final raceway installation associated with the outage equipment repowering is complete. Work package turnover and release to Operations is in progress.

2.8 New Appendix R Equipment (PDCR No. 902)

All equipment installed under this PDCR has been released to Operations.

2.9 DC System Relocation - (PDCR No. 903)

All major equipment installed under this PDCR has been released to Operations.

2.10 Fire Protection Systems (PDCR No. 917)

Testing is complete and the PDCR has been released to Operations.

2.11 Cable Pulling (PDCR No. 905)

All work is complete. Working on release to Operations.

2.12 Terminations & Testing (PDCR No. 910)

- o All terminations are complete. Testing of instrumentation cables is in progress.
- o All installed Appendix R equipment has been tested on a component level from the new B-train power configuration. Integrated test procedures will be completed by July 1990 contingent on station conditions required for testing.