

# NORTHEAST UTILITIES



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

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September 27, 1989

Docket No. 50-213

B13374

Re: 10CFR50, Appendix R  
ISAP Topic 1.14.2

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

Gentlemen:

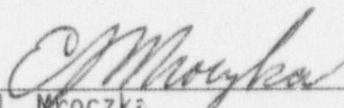
Haddam Neck Plant  
Bimonthly Progress Report No. 18  
New Switchgear Building Construction

On September 30, 1986, <sup>(1)</sup> 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 eighteenth of these reports. Bimonthly Progress Report No. 18 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. Wroczka  
Senior Vice President

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

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(1) J. F. Opeka 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. 18  
New Switchgear Building Construction

September 1989

Haddam Neck Plant  
Bimonthly Progress Report No. 18  
New Switchgear Building Construction

SUMMARY

In a letter dated June 30, 1986,<sup>(2)</sup> 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<sup>(3)</sup> and supplemented by a letter dated September 30, 1988.<sup>(4)</sup> 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 eighteenth reporting period.

PROJECT SUMMARY

Construction on the new switchgear building continued to progress in accordance with the revised milestone schedule provided to the NRC Staff in September 1988, and no delay in meeting any milestone is expected. The 1989 Refueling Outage started on September 2, 1989.

Engineering activities are currently concentrated on support for construction. Details on the engineering activities are included in Section 1.0. Remaining raceway installation and cable pulling in the station is continuing with in-house construction forces, and is essentially on schedule. Details of the construction activities are included in Section 3.0.

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- (2) J. F. Opeka letter to C. I. Grimes, dated June 30, 1986, "Haddam Neck Plant, Conceptual Design of the New Switchgear Room."
  - (3) J. F. Opeka letter to C. I. Grimes, dated September 30, 1986, "Haddam Neck Plant, Major Implementation Milestones, New Switchgear Building Construction."
  - (4) E. J. Mrocza 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 Construction support.
- o Finalization of NUSCO PDCR packages

#### 1.2 Design responsibility was assumed by Northeast Utilities Service Company (NUSCO) effective January 15, 1989.

- o A site office has been established to support ongoing construction activities.
- o Seven (7) additional PDCRs are being issued by NUSCO, addressing various aspects of Appendix R commitments and associated design considerations. All seven (7) were PORC approved prior to the start of the outage.

### 2.0 Procurement

#### 2.1 General

All materials have been received.

### 3.0 Construction

#### 3.1 Construction forces continue to progress on the installation of raceway, cable pulling, and punchlist completion in the station.

#### 3.2 New Switchgear Building (PDCR No. 865)

Work is complete. The PDCR was released to operations on September 16, 1989.

#### 3.3 Ductbanks (PDCR No. 873)

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

#### 3.4 Stairtowers and Walkways (PDCR No. 876)

The only work remaining under this PDCR is related to cutting-in the door opening to the old switchgear room, which is scheduled to be completed by October 13, 1989.

3.5 HVAC Installation (PDCR No. 868)

Testing of ventilation and air conditioning including air balancing was completed. The portion of the PDCR for the HV system for the third floor of the new switchgear building was released to operations on September 16, 1989. The release to operations for the balance is in progress.

3.6 New Switchgear Building Raceway (PDCR No. 900)

The PDCR was released to operations on September 16, 1989.

3.7 Appendix R Raceway (PDCR No. 901)

Final raceway installation associated with the outage equipment repowering is in progress.

3.8 New Appendix R Equipment (PDCR No. 902)

The new load center (bus 11), new motor control center (12), new B battery and associated equipment (DC bus and battery charger) which comprises the station B train battery were placed in service as of September 16, 1989.

3.9 DC System Relocation - (PDCR No. 903)

The release to operations is in progress.

3.10 Fire Protection Systems (PDCR No. 917)

Testing was complete and the PDCR released to operations on September 15, 1989.

3.11 Cable Pulling (PDCR No. 905)

Final cable pulls are in progress for outage equipment repowering.

3.12 Terminations (PDCR No. 910)

Terminations in the new switchgear building are complete. Terminations are on-going in the control room.