

**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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May 18, 1992

Docket No. 50-423

B14141

Re: 10CFR50.63

Dr. T. E. Murley, Director  
 Office of Nuclear Reactor Regulation  
 Mail Stop 12 G18  
 U.S. Nuclear Regulatory Commission  
 Washington, DC 20555

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3  
Station Blackout--Schedule Change

By letter dated April 17, 1989,<sup>(1)</sup> pursuant to 10CFR50.63, Northeast Nuclear Energy Company (NNECO) submitted the response to the station blackout (SBO) rule for Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3. Additional information was provided by letters dated May 30, 1989,<sup>(2)</sup> and March 30, 1990.<sup>(3)</sup>

The NRC Staff, by letter dated August 20, 1990,<sup>(4)</sup> transmitted to NNECO the Staff's Safety Evaluation Report (SER) and the Technical Evaluation Report developed by Science Application International Corporation for the Millstone Nuclear Power Station, Unit No. 3, SBO rule response. NNECO provided a

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- (1) E. J. Mroczka letter to T. E. Murley, Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3, "Response to Station Blackout Rule," dated April 17, 1989.
  - (2) E. J. Mroczka letter to T. E. Murley, Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3, "Response to Station Blackout Rule, Additional Information," dated May 30, 1989.
  - (3) E. J. Mroczka letter to T. E. Murley, Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3, "Response to Station Blackout, Additional Information," dated March 30, 1990.
  - (4) D. H. Jaffe to E. J. Mroczka, "Millstone Nuclear Power Station, Unit 3--Station Blackout Evaluation (TAC No. 68568)," dated August 20, 1990.

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response to the SER by letter dated September 26, 1990.<sup>(5)</sup> This letter contained our proposed schedule for installation of the alternate AC (AAC) source for Millstone Unit No. 3. NNECO stated that completion of the equipment and procedure modifications would exceed the two-year window as defined in 10CFR50.63(c)(4). By letter dated October 25, 1990,<sup>(6)</sup> the NRC Staff accepted NNECO's proposed schedule for installation of the AAC prior to startup following the Millstone Unit No. 3 1992 refueling outage.

The scheduler requirement of 10CFR50.63 allows the schedule for required modifications to be ". . . established by the NRC staff in consultation and coordination with the affected licensee." NNECO informed the Staff in a telephone conversation on March 30, 1992, that due to the unscheduled shutdown of Millstone Unit No. 3 in 1991 to address the service water and erosion/corrosion issues, the next refueling outage is currently planned to commence June 1993. Therefore, the scheduled completion of the modification is the end of the 1993 refueling outage. NNECO realizes that completion of the equipment and procedure modifications in 1993 will exceed the two-year window by approximately one year. However, the diesel generator installation cannot be completed until the 1993 refueling outage due to:

1. Power connections and modifications to 4-kV Buses 34A and 34B require a dead bus for personnel safety. It is appropriate to conduct the modifications during the refueling outage conditions where a 4-kV bus is not required to meet technical specifications.
2. Installation of new SBO diesel generator control components on MB8 will require a plant outage to ensure adjacent circuits are deenergized during construction.
3. The testing of the SBO diesel generator will require a safety 4-kV bus and its associated nonsafety bus (34A and 34C or 34B and 34D) to be deenergized to simulate an SBO condition. It is appropriate to conduct the testing during refueling outage conditions where a safety bus (34C or 34D) could be taken out of service per technical specifications.

Since the modifications and testing are so extensive, it is appropriate to conduct both of these activities when the plant is in a refueling outage. Therefore, NNECO plans to complete the necessary modifications and any associated testing during the Millstone Unit No. 3 1993 refueling outage.

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(5) E. J. Mroczka letter to T. E. Murley, "Millstone Nuclear Power Station, Unit No. 3--Response to Safety Evaluation for Station Blackout," dated September 26, 1990.

(6) D. H. Jaffe letter to E. J. Mroczka, "Millstone Nuclear Power Station Unit 3--Response to Station Blackout Evaluation (TAC No. 68568)," dated October 25, 1990.

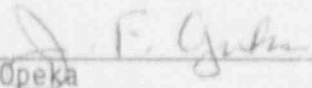
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The design process has continued on schedule and preoutage work is presently scheduled to begin in the fall of 1992. The new diesel generator and associated equipment is also scheduled to be delivered in the fall of 1992.

Should the Staff have any additional questions, please contact my staff directly.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
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J. F. Opeka  
Executive Vice President

cc: T. T. Martin, Region I Administrator  
V. L. Rooney, NRC Project Manager, Millstone Unit No. 3  
W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2,  
and 3

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