

# NORTHEAST UTILITIES



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

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270  
HARTFORD, CONNECTICUT 06141-0270  
(203) 665-5000

October 5, 1988

Docket No. 50-213

B13043

Re: Supplement 1 to  
NUREG-0737, ISAP  
Topic No. 1.20

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

Gentlemen:

Haddam Neck Plant  
Supplement 1 to NUREG-0737  
Safety Parameter Display System (TAC No. 51245)

In a letter dated June 12, 1984,<sup>(1)</sup> the NRC Staff issued an Order confirming various commitments made by Connecticut Yankee Atomic Power Company (CYAPCO) on behalf of the Haddam Neck Plant regarding the implementation of Supplement 1 to NUREG-0737. In accordance with that Order, in a letter dated May 13, 1986,<sup>(2)</sup> CYAPCO submitted to the Staff the Safety Parameter Display System (SPDS) Safety Analysis Report (SAR) and a schedule for implementation of the SPDS. Therein, CYAPCO committed to implement the SPDS (including operator training) as defined in the SAR within six months following the start of Cycle 15 or by March 25, 1988, whichever is later. This commitment was confirmed by the NRC Staff in letters dated July 2, 1986<sup>(3)</sup> and August 12, 1986.<sup>(4)</sup>

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- (1) D. M. Crutchfield letter to W. G. Council, "Orders Confirming Licensee Commitments on Emergency Response Capability (Generic Letter 82-33, NUREG 0737)," dated June 12, 1984.
  - (2) J. F. Opeka letter to C. I. Grimes, "Haddam Neck Plant, Supplement 1 to NUREG-0737, Safety Parameter Display System, Safety Analysis Report, ISAP Topic No. 1.20," dated May 13, 1986.
  - (3) C. I. Grimes letter to J. F. Opeka, "Order Confirming Licensee Commitments on Emergency Response Capability (Generic Letter 82-33, NUREG-0737)," dated July 2, 1986.
  - (4) C. I. Grimes letter to J. F. Opeka, "Correction to Order Confirming Licensee Commitments on Emergency Response Capability (Generic Letter 82-33, NUREG-0737)," dated August 12, 1986.

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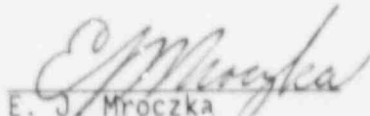
The purpose of this letter is to document that the SPDS at the Haddam Neck Plant was declared fully operational in accordance with the SAR on July 18, 1988, after successfully completing various tests and operator training. (5) This is also in accordance with the schedule submitted to the Staff in the Integrated Safety Assessment Program letter dated November 13, 1987. (6)

In a letter dated February 1, 1985, (7) CYAPCO provided the NRC Staff with additional information regarding the inadequate core cooling (ICC) instrumentation at the Haddam Neck Plant. CYAPCO stated that the SPDS was intended to be the primary display for ICC parameters and that an independent and isolated CRT would be provided in the control room for temporary display capability until the SPDS was fully operational. The SPDS was successfully tested and available for operator use on April 14, 1988. The ICC displays have been available through the SPDS since that time. On that basis, CYAPCO concluded that our commitment in the February 1, 1985 letter was addressed, and therefore the temporary CRT could be removed from the control room. In addition to the ICC information being available on the SPDS, there is a Category 1E display of ICC parameters on the ICC cabinets in the Haddam Neck control room.

If you have any questions, please contact us.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY

  
E. J. Mroczka  
Senior Vice President

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

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(5) Cycle 15 commenced on March 27, 1988.

(6) E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, "Integrated Safety Assessment Program (ISAP)," dated November 13, 1987.

(7) W. G. Council letter to J. A. Zwolinski, "Haddam Neck Plant, Additional Information in Response to Generic Letter 82-28," dated February 1, 1985.