



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

362 INJUN HOLLOW ROAD • EAST HAMPTON, CT 06424-3099

April 2, 1997
Docket No. 50-213
CY-97-036

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

Haddam Neck Plant
Corrective Actions for Service Water Supply and
Return Lines for the Spent Fuel Pool Heat Exchanger

On March 25, 1997, during a planned ultrasonic inspection of the six inch spent fuel pool heat exchanger service water return line, indication of pipe wall thinning was found. The pipe wall thinning was previously identified during a routine inspection for microbiologically influenced corrosion and found to be acceptable. The current inspection indicated a localized reading which exceeded the maximum allowed ASME code depth. As a result, the inspection scope was increased and five additional inspections were performed. All inspection results were greater than the minimum requirement. However, one location had minimal margin.

Based on the results of these inspections, two pieces of service water return line piping will be replaced. Additionally, other locations within the service water return line with different flow regimes will be inspected.

This additional work required on the service water system will affect a previous commitment to have the service water system returned to operation. The commitment, CY-97-021-1, provided by letter dated March 21, 1997⁽¹⁾, states

⁽¹⁾ T. C. Feigenbaum letter to the U. S. Nuclear Regulatory Commission, "Corrective Actions for Potential Water Hammer in the Service Water Supply and Return Lines for the Spent Fuel Pool Heat Exchanger," dated March 21, 1997



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that the modification to install a check valve will be completed by April 14, 1997. The check valve and one of the two pieces of pipe requiring replacement will be installed by this date. However, the second piece of pipe and any additional piping locations to be replaced will require additional time.

We will inform the NRC Senior Resident Inspector of the additional time that is needed.

If you should have any questions on the above, please contact Mr. G. P. van Noordennen at (860)267-3938.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY

For: R. A. Mellor
Director of Site Operations and Decommissioning

By: 
J. D. Haseltine
Engineering Director

cc: H. J. Miller, Region I Administrator
M. B. Fairtile, Senior Project Manager, Haddam Neck Plant
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