



June 10, 1994

Docket No. 50-213  
B14865

Re: GL 92-01, Rev. 1

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

Haddam Neck Plant  
Generic Letter 92-01, Revision 1, Reactor Vessel  
Structural Integrity (TAC No. M83467)

By letters dated July 6, 1992,<sup>(1)</sup> December 21, 1992,<sup>(2)</sup> January 15, 1993,<sup>(3)</sup> April 23, 1993,<sup>(4)</sup> September 17, 1993,<sup>(5)</sup> and December 7, 1993,<sup>(6)</sup> Connecticut Yankee Atomic Power Company (CYAPCO) provided

- 
- (1) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Reactor Vessel Structural Integrity, 10CFR50.54(f), Generic Letter 92-01, Revision 1," dated July 6, 1992.
  - (2) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Additional Information Related to the Reactor Vessel Structural Integrity, 10CFR50.54(f), (Generic Letter 92-01, Revision 1)," dated December 21, 1992.
  - (3) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Additional Information Related to the Reactor Vessel Structural Integrity, 10CFR50.54(f), (Generic Letter 92-01, Revision 1)," dated January 15, 1993.
  - (4) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Reactor Vessel Structural Integrity, 10CFR50.54(f) (Generic Letter 92-01, Revision 1)," dated April 23, 1993.
  - (5) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Response to Request for Additional Information, Generic Letter 92-01, Revision 1," dated September 17, 1993.
  - (6) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Response to Request for Additional Information Generic Letter 92-01, Revision 1," dated December 7, 1993.

U.S. Nuclear Regulatory Commission  
B14865/Page 2  
June 10, 1994

responses to Generic Letter 92-01, Revision 1, "Reactor Vessel Structural Integrity" as it pertains to the Haddam Neck Plant. The NRC Staff's letter of May 11, 1994,<sup>(7)</sup> indicated that CYAPCO has provided the information requested in Generic Letter 92-01, Revision 1 for the Haddam Neck Plant and requested CYAPCO to review the attachment to the May 11, 1994, letter for accuracy.

CYAPCO has reviewed the NRC Staff's May 11, 1994, letter and concludes that, in general, the information provided accurately reflects the information provided to the Staff, with the following exceptions.

In the summary file for pressurized thermal shock, there is a typographical error for the I.D. neutron fluence at End of Life (EOL) for the lower shell plates (W9807-3, -5, and -7) and the lower circumferential weld. The I.D. neutron fluence at EOL incorrectly reads 4.03E18 n/cm<sup>2</sup>. The I.D. neutron fluence at EOL should read 4.03E19 n/cm<sup>2</sup>. This does not impact the evaluations performed under Generic Letter 92-01, Revision 1, since the correct fluence values were used for these evaluations.

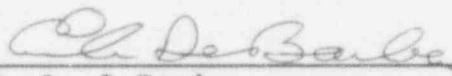
In the summary file for upper shelf energy, the 1/4t Upper Shelf Energy (USE) at EOL for the nozzle shell plates (W9807-1, -6, & -8) reads 81, 50, and 68 ft-lb respectively. Based on CYAPCO'S January 15, 1993, letter CYAPCO believes that the 1/4t USE at EOL for nozzle shell plates W9807-1, W9807-6, and W9807-8 should be 86.1, 52.9, and 73.8 ft-lb respectively.

If you should have any questions on the above, please contact Mr. R. H. Young at (203) 665-3717.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY

FOR: J. F. Opeka  
Executive Vice President

BY:   
E. A. DeBarba  
Vice President

cc: See Page 3

---

(7) A. B. Wang letter to J. F. Opeka, "Generic Letter (GL) 92-01, Revision 1, 'Reactor Vessel Structural Integrity,'" dated May 11, 1994.

U.S. Nuclear Regulatory Commission  
B14865/Page 3  
June 10, 1994

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

Subscribed and sworn to before me

this 10<sup>th</sup> day of June, 1994

Ruth J. Dietrich

Date Commission Expires: 3/31/95