



# CONNECTICUT YANKEE ATOMIC POWER COMPANY

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

August 20, 2002  
Docket No 50-213  
CY-02-033

Re: 10CFR50.82  
10CFR50.92

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Haddam Neck Plant  
Revision 1 to the Haddam Neck Plant License Termination Plan  
and Re-Submittal of License Amendment Request

On July 7, 2000,<sup>1</sup> in accordance with 10CFR50.82(a)(9), Connecticut Yankee Atomic Power Company (CYAPCO) submitted Revision 0 to the License Termination Plan for the Haddam Neck Plant. On February 1, 2001<sup>2</sup> and March 19, 2001,<sup>3</sup> the NRC Staff issued requests for additional information regarding Revision 0 to the License Termination Plan.

CYAPCO submitted responses to the requests for information on June 14, 2001,<sup>4</sup> July 31, 2001,<sup>5</sup> August 15, 2001,<sup>6</sup> August 22, 2001,<sup>7</sup> September 6, 2001,<sup>8</sup> and September 7,

- <sup>1</sup> K. J. Heider (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Submittal of License Termination Plan and Proposed Revision to Operating License," dated July 7, 2000.
- <sup>2</sup> L. L. Wheeler (USNRC) letter to K. J. Heider (CYAPCO), "Haddam Neck Plant (HNP) – Request for Additional Information Regarding the License Termination Plan (TAC NO. MA9791)," dated February 1, 2001.
- <sup>3</sup> J. E. Donoghue (USNRC) letter to K. J. Heider (CYAPCO), "Haddam Neck Plant (HNP) – Request for Additional Information Regarding the License Termination Plan (TAC NO. MA9791)," dated March 19, 2001.
- <sup>4</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Response to the Request for Additional Information (RAI) Regarding the Haddam Neck Plant License Termination Plan," dated June 14, 2001.
- <sup>5</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Supplement 1 to Response to the Request for Additional

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2001.<sup>9</sup> Supporting calculations were supplied on May 9, 2002,<sup>10</sup> June 26, 2002,<sup>11</sup> and August 15, 2002.<sup>12</sup> These responses, in conjunction with subsequent discussions with the NRC technical staff, have been incorporated into Revision 1 of the Haddam Neck Plant License Termination Plan.

In addition, a license amendment request to amend the Haddam Neck Plant Operating License was submitted in conjunction with Revision 0 of the Haddam Neck License Termination Plan. This proposed license amendment added a license provision requiring CYAPCO to implement and maintain in effect all provisions of the approved License Termination Plan and provided criteria to define the methodology for making changes to the License Termination Plan. Discussions with the NRC technical staff have resulted in changes to the proposed amendment, and thus, it is resubmitted.

Attachment I provides: 1) the background and reason for the proposed change to the Haddam Neck Plant Operating License (License No. DPR-61); 2) a description of the proposed change; 3) a no significant hazards consideration determination; and 4) an environmental impact consideration determination. Attachment II provides a copy of the affected page to Facility Operating License No. DPR-61 with changes annotated.

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Information (RAI) Regarding the Haddam Neck Plant License Termination Plan," dated July 31, 2001.

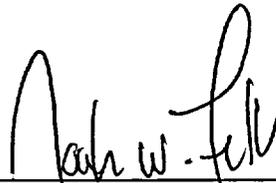
- <sup>6</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Response to the Request for Additional Information Regarding the Haddam Neck Plant License Termination Plan," dated August 15, 2001.
- <sup>7</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Response to the Request for Additional Information (RAI) Regarding the Haddam Neck Plant License Termination Plan," dated August 22, 2001.
- <sup>8</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Response to the Request for Additional Information (RAI) Regarding the Haddam Neck Plant License Termination Plan," dated September 6, 2001.
- <sup>9</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Additional Information for the License Termination Plan," dated September 7, 2001.
- <sup>10</sup> G. P. van Noordennen (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Support Calculations for the Haddam Neck Plant License Termination Plan," dated May 9, 2002.
- <sup>11</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Correction of Calculations for the Haddam Neck Plant License Termination Plan," dated June 26, 2002.
- <sup>12</sup> N. W. Fetherston (CYAPCO) letter to the U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Revised Calculations to Support the License Termination Plan," dated August 15, 2002.

Attachment III is a re-submittal of the Haddam Neck Plant License Termination Plan, in its entirety (with the exception of Appendix C which has not changed), for NRC review and approval. Changes associated with Revision 1 are indicated in the margins with revision bars. In accordance with 10CFR50.82(a)(9)(i), the Haddam Neck Plant License Termination Plan is being submitted as a supplement to the UFSAR. It will be maintained as described in proposed License Condition C.7

The change to the Haddam Neck Plant Operating License does not involve a significant increase in the probability or consequences of an accident previously evaluated, create the possibility of a new or different kind of accident from any accident previously evaluated, or involve a significant reduction in the margin of safety.

If the NRC staff should have any questions regarding this submittal, please contact Mr. G. P. van Noordennen at (860) 267-3938.

Sincerely,

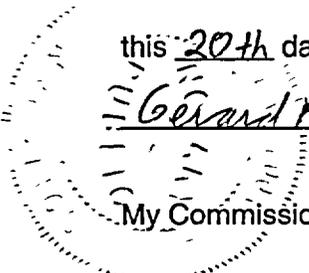
  
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Noah W. Fetherston  
Site Manager

Attachments

cc: Mr. H. J. Miller, NRC Region I Administrator  
Mr. R. R. Bellamy, Chief, Decommissioning and Laboratory Branch, NRC Region  
Mr. J. N. Donohew, NRC Project Manager, Haddam Neck Plant  
Mr. J. T. Greeves, Director, NRC Division of Waste Management  
Mr. S. W. Brown, NRC NMSS Project Manager, Decommissioning  
Mr. M. Rosenstein, Associate Director, Office of Ecosystems Protection, US  
EPA, Region I  
Dr. E. L. Wilds, Jr., Director, Monitoring and Radiation Division, CT DEP

Subscribed and sworn before me

this 20th day of August, 2002

  
Gerard P. van Noordennen  
Notary Public

My Commission Expires 12/31/2003