



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

August 25, 1998

Docket No. 50-213

CY-98-107

Re: 10CFR50.82

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555 - 0001

Haddam Neck Plant Site-Specific Decommissioning Cost Estimate

In accordance with 10CFR50.82(a)(8)(iii), Connecticut Yankee Atomic Power Company (CYAPCO) hereby submits the attached⁽¹⁾ site-specific decommissioning cost estimate for the Haddam Neck Plant (HNP). This estimate was filed with the Federal Energy Regulatory Commission (FERC) in December 1996 (docket number ER 97 913-000) and estimated the cost to complete decommissioning at \$426.7 million in 1996 dollars. This estimate is summarized as follows⁽²⁾:

• Planning/Preparation	\$ 76,248,000*
• Large Component Removal	46,550,000
• Dismantlement Activities	142,612,000
• Low Level Waste Shipping/Burial	71,928,000
• Spent Fuel Storage	82,345,000
• Site Restoration	<u>7,043,000</u>

Total Cost to Remove/Dismantle CY \$426,726,000

* Includes asbestos abatement, RCS decon, & SFP island

The estimate assumes prompt removal/dismantling (DECON), and is based on an analysis of the HNP systems, components, and structures. The estimate is also based

- (1) "Decommissioning Cost Study for the Connecticut Yankee Nuclear Power Plant," dated December, 1996.
- (2) CYAPCO Letter to USNRC, "Post Shutdown Decommissioning Activities Report (PSDAR)," dated August 22, 1997, CY 97-075.

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on the radioactive waste disposal options available to CYAPCO in late 1996 (e.g., alternative waste disposal sites, barge transport, and various radwaste reprocessors). This estimate also includes provisions for site restoration, and for storage of spent fuel and greater than class C (GTCC) wastes on the HNP site until 2022. Adjustments to the cost estimate will be made as necessary as detailed work planning progresses and elements of the cost estimate are periodically reviewed and updated.

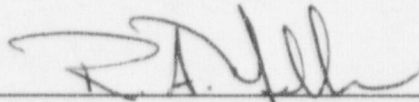
An external Trust, in accordance with 10CFR50.75(e), was established in April 1984, and amended in 1987, to accumulate CYAPCO decommissioning funds. Certification was provided in July 1990⁽³⁾ to certify the obligation of each wholesale purchaser from CYAPCO to be responsible for its share of the HNP decommissioning costs pursuant to the terms of the CYAPCO Power Contracts with each of its purchasers, which contracts have been filed as FERC approved rates.

As of June 1, 1998, the decommissioning fund has a balance of approximately \$269.4 million. In accordance with the interim rates approved by the FERC for the December 1996 FERC filing and CYAPCO Power Contracts, current collections into the fund amount to approximately \$2.1 million per month and will continue through June 2007 (subject to final approval and subsequent periodic review by the FERC).

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

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY



R. A. Mellor - Vice President
Operations and Decommissioning

cc: H. J. Miller, Region I Administrator
T. L. Fredrichs, NRC Project Manager, NRR
W. J. Raymond, Senior Resident Inspector, Haddam Neck Plant
D. Galloway, CT DEP Monitoring and Radiation Division

(3) Letter, CYAPCO to USNRC, "Decommissioning Financial Assurance Certification Report," dated July 18, 1990.