



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

NOV 9 2004

Docket No. 50-213

CY-04-176

Re: 10CFR73.5

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

Haddam Neck Plant
Defueled Physical Security Plan
Request
for Withdrawal of Security Orders

Pursuant to 10CFR50.54(p) and 10CFR50.4(b)(4) Connecticut Yankee Atomic Power Company (CYAPCO) is informing the Nuclear Regulatory Commission (NRC) of a future change to the Security Plan for the Haddam Neck Plant (HNP). All spent fuel is expected to be transferred to the Independent Spent Fuel Storage Installation (ISFSI) by February 2005. Following the transfer of all spent fuel, CYAPCO will be revising the Security Plan requirements to eliminate the security requirements that are associated with the Spent Fuel Building Protected Area. The security plan requirements that are associated with the ISFSI Protected Area will remain and will be unaffected by the change.

CYAPCO, therefore, requests that the Security Orders⁽¹⁾⁽²⁾ applicable to decommissioned plants with spent fuel in the spent fuel pool be withdrawn once all spent fuel has been removed from the pool and transferred to the ISFSI. Our response⁽³⁾⁽⁴⁾⁽⁵⁾ to these Orders will no longer be applicable and associated commitments will no longer be implemented since the spent fuel pool will be empty. The spent fuel pool is scheduled to be drained and the storage racks removed in

⁽¹⁾ S. J. Collins (USNRC) letter to K. J. Heider (CYAPCO), "Issuance of Order for Interim Safeguards and Security Compensatory Measures for Haddam Neck Plant," dated May 23, 2002.

⁽²⁾ M. V. Federline (USNRC) Letter to K. J. Heider (CYAPCO), "Issuance of Order for Implementation of Additional Security Measures Associated with Access Authorization for Haddam Neck Plant" dated August 18, 2004.

⁽³⁾ K. J. Heider (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Response to NRC Security Order for Decommissioned Plants," dated June 11, 2002.

⁽⁴⁾ K. J. Heider (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Supplemental Information Response to NRC Security Order for Decommissioned Plants," dated December 4, 2002.

⁽⁵⁾ W. A. Norton (CYAPCO) Letter to Nuclear Regulatory Commission, "Response to Order for Implementation of Additional Security Measures Associated with Access Authorization", CY-04-178, dated September 2, 2004.

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2005 in preparation to decommission the building. CYAPCO understands that upon termination of the Orders and revision of the security plan, the spent fuel pool will no longer be an authorized storage location for spent fuel.

Compliance with the Security Orders⁽⁶⁾⁽⁷⁾ applicable to plants with spent fuel stored in an ISFSI will continue as will compliance with our responses⁽⁸⁾⁽⁹⁾⁽¹⁰⁾⁽¹¹⁾ to the ISFSI related Orders.

An evaluation of this change in accordance with 10CFR50.54(p) has determined that it does not reduce that safeguards effectiveness of the plan and, as a whole, the plan continues to meet the standards of 10CFR73.55 as applicable.

In conclusion, CYAPCO hereby requests NRC to rescind the NRC security orders for decommissioned plants contingent upon transfer of all fuel to the ISFSI. Transfer of spent fuel assemblies is expected to be complete by February 2005. CYAPCO plans to implement the security plan changes within 60 days after transfer of the last spent fuel assembly from the spent fuel pool to the ISFSI.

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

Sincerely,


/Gary H. Bouchard

Director, Nuclear Safety/Regulatory Affairs

11-9-04

Date

cc: S. J. Collins, NRC Region I Administrator
T. B. Smith, NRC Project Manager, Haddam Neck Plant
R. R. Bellamy, Chief, Decommissioning and Laboratory Branch, NRC Region I
E. L. Wilds, Jr., Director, CT DEP Monitoring and Radiation Division

⁽⁶⁾ M. J. Virgilio (NRC) letter to K. J. Heider (CYAPCO), "Issuance of Order for Interim Safeguards and Security Compensatory Measures for Haddam Neck Plant," dated October 16, 2002.

⁽⁷⁾ M. V. Federline (USNRC) letter to W. A. Norton (CYAPCO), "Issuance of Order for Implementation of Additional Security Measures Associated with Access Authorization for Haddam Neck Nuclear Plant," dated August 18, 2004.

⁽⁸⁾ K. J. Heider (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Response to NRC ISFSI Security Order for Decommissioned Plants," dated October 29, 2002.

⁽⁹⁾ K. J. Heider (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Supplemental Response to NRC ISFSI Security Order," dated February 26, 2003.

⁽¹⁰⁾ K. J. Heider (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Haddam Neck Plant, Supplemental Response to NRC ISFSI Security Order," dated April 8, 2003.

⁽¹¹⁾ W. A. Norton (CYAPCO) letter to U. S. Nuclear Regulatory Commission, "Response to Order for Implementation of Additional Security Measures Associated with Access Authorization for the ISFSI, CY-04-179, dated September 2, 2004.