

May 12, 2005

Mr. Wayne Norton  
President  
Connecticut Yankee Atomic Power Company  
362 Injun Hollow Road  
East Hampton, CT 06424-3099

SUBJECT: RESPONSE TO CONNECTICUT YANKEE ATOMIC POWER COMPANY'S REQUEST FOR AN EXTENSION TO IMPLEMENT ADDITIONAL SECURITY MEASURES RELATED TO ACCESS AUTHORIZATION FOR THE HADDAM NECK PLANT INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Norton:

On August 18, 2004, the U.S. Nuclear Regulatory Commission (NRC) issued an Order to Connecticut Yankee Atomic Power Company (CYAPCO) requiring implementation of additional security measures (ASMs) related to access authorization for its independent spent fuel storage installation (ISFSI) at Haddam Neck Plant. On September 2, 2004, CYAPCO submitted its written response to the Order stating that it would be in compliance with the Order by February 15, 2005. On January 25, 2005, CYAPCO requested an extension to implement the ASMs until sixty days after all spent fuel had been transferred from their spent fuel pool to the ISFSI. On March 24, 2005, and April 26, 2005, CYAPCO submitted supplemental responses to their extension request, as requested by security specialist, Brad Baxter, of the Office of Nuclear Safety and Incident Response.

Based on our review of the supplemental responses, the NRC staff finds CYAPCO in compliance with the August 18, 2004, license order. Therefore, no extension in the implementation date is required. As stated in the March 24, 2005, supplemental response, CYAPCO is expected to revise its Access Authorization Program Manual to ensure that it is consistent with all of the security measures, including B4. Security measure B4 should be implemented no later than August 18, 2005, as stated in Section III.A. of the license order.

Please remember, pursuant to Section III.C.2, CYAPCO is to report to the Commission, in accordance with 10 CFR 72.4, when it has achieved full compliance with all of the requirements described in Attachment 1 to the Order. NRC will determine the effectiveness of your implementation of the ASMs through on-site inspections.

If you have any questions about this letter, please call me at 301-415-4015.

Sincerely,

**/RA/**

Cynthia S. Barr, Project Manager  
Transportation and Storage Safety and Inspection  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 72-39  
cc: See attached

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\*see previous concurrences

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