



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

MAR 30 2005

CY-05-080

Mr. Charles Nezianya  
c/o Central Permit Processing Unit  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Haddam Neck Plant  
NPDES Permit CT0003123  
Permit Renewal Application

Dear Mr. Nezianya:

Connecticut Yankee Atomic Power (CYAPCO), pursuant to Section 4-182 and Section 22a-430 of the Connecticut General Statutes and Section 22a-430-1 et seq. of the Regulations of Connecticut State Agencies, herein submits to the Connecticut Department of Environmental Protection (DEP or the Department) an original and two copies of an application for the renewal of NPDES of Permit No. CT 0003123, for its Haddam Neck Plant. Enclosed is a check in the amount of \$1,050.00 in payment of the initial application fee. This submittal is being made more than 180 days in advance of the expiration of CYAPCO's existing NPDES Permit and is, therefore, a timely application.

CYAPCO will send a public notice of its intent to renew this Permit to the Middletown Press. A copy of the notice is enclosed as part to the Permit Renewal Application and a certified copy of the publication will be sent to you following publication.

The Haddam Neck Plant is in the process of being decommissioned. The number of individual wastewater sources has decreased during decommissioning and will continue to decrease as the decommissioning continues. The attached permit renewal application is reflective of this effort.

As part of this submittal, for each discharge which is part of this application, CYAPCO is providing the Department with detailed information relative to the generation of wastewater at each discharge, including, but not limited to, historical data, process and activity descriptions, supporting process diagrams, known or suspected chemical substances in each discharge and aquatic toxicity data. While this information is supplied consistent with the application forms and instructions provided by the

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Department, CYAPCO has also incorporated the following information for your consideration:

- 1) Identification of discharges which can be deleted as part of CYAPCO's ongoing decommissioning efforts;
- 2) Consolidation of discharge locations as set forth in Attachment A to the Application;
- 3) Indemnification of alternate pathways for the discharge of certain wastewaters; and
- 4) Potential use of alternative water treatment chemicals.

If you have any questions or need any additional information, please call me at (860) 267-3938.

Sincerely,

  
Gerard P. van Noordennen      3-30-05  
Regulatory Affairs Manager      Date

Enclosure

cc: USNRC Document Control Desk  
Marvin Rosenstein, USEPA, w/o attachments  
Tony Bondi, Town of Haddam, w/o attachments