



CONNECTICUT YANKEE ATOMIC POWER COMPANY

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

JAN - 5 2006
Docket No. 50-213
Docket No. 72-0039
CY-06-006

RE: 10 CFR 72.44(d)(3)

Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
Attention: Document Control Desk
Washington, D. C. 20555-0001

Haddam Neck Plant
Annual Radioactive Effluent Release Report
For Independent Spent Fuel Storage Installation - 2005

In accordance with 10 CFR 72.44(d)(3) and Certification of Compliance (CoC) No. 1025, Technical Specification Section A.5.4.c, Connecticut Yankee Atomic Power Company (CYAPCO) is providing the Annual Radioactive Effluent Release Report for the Independent Spent Fuel Storage Installation (ISFSI) at the Haddam Neck Plant (HNP) site. The period of the report is January 1, 2005 through December 31, 2005.

The NAC-MPC System is a sealed and leak tight spent fuel storage system. In addition, CYAPCC has completed in-process inspections and tests during fabrication and sealing of the canisters in compliance with CoC No. 1025. Moreover, Technical Specifications Section A.3.5.1, CANISTER Helium Leak Rate, provides assurance that there are no radioactive effluents from the NAC-MPC System. On that basis, CYAPCO is reporting that there were no releases of principal radionuclides in liquid or gaseous effluents from the ISFSI at the HNP site to the environment in 2005.

If you require additional information, please contact me at (860) 267-3938.

Sincerely,


Gerard P. van Noordennen
Regulatory Affairs Manager

1-5-06
Date

cc: S. J. Collins, NRC Region I Administrator
T. B. Smith, NRC Project Manager, Haddam Neck Plant
M. T. Miller, Chief, Decommissioning and Laboratory Branch, NRC Region 1
E. L. Wilds, Jr., Director, CT DEP Radiation Division

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