



CONNECTICUT YANKEE ATOMIC POWER COMPANY

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

April 29, 2013
CY-13-025
10 CFR 50.4 and 10 CFR 50.36a(2)

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555 - 0001

Connecticut Yankee Atomic Power Company
Haddam Neck Plant Independent Spent Fuel Storage Installation
NRC License No. DPR-61 (NRC Docket Nos. 50-213 and 72-39)

Subject: Annual Radiological Environmental Operating Report and Annual Radioactive Effluent Release Report for 2012

In accordance with 10 CFR 50.36a(2) and Section F.2 of the Off-Site Dose Calculation Manual (ODCM) for the Haddam Neck Independent Spent Fuel Storage Installation (ISFSI), Connecticut Yankee Atomic Power Company is required to submit to the Annual Radioactive Effluent Release Report. In addition, Section F.1 of ODCM for the Haddam Neck ISFSI requires the submittal of an Annual Radiological Environmental Operating Report. Enclosures 1 and 2, respectively, provide the Haddam Neck ISFSI Annual Radiological Environmental Operating Report and Annual Radioactive Effluent Release Report for 2012.

There were no changes made to the ODCM for the Haddam Neck ISFSI in 2012.

If you have any questions regarding this submittal, please do not hesitate to contact me at (860) 267-6426 ext. 303, or at bbuerger@3yankees.com.

Respectfully,

FOR BRANTLEY BUERGER

Brantley Buerger, P.E.
ISFSI Manager

NM5520
NM5526

Enclosures:

1. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radiological Environmental Operating Report, January – December 2012.
2. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radioactive Effluent Release Report, January – December 2012.

cc: W. M. Dean, NRC Region I Administrator
M. S. Ferdas, Chief, Decommissioning Branch, NRC, Region 1
J. Goshen, NRC Project Manager, Haddam Neck
E. L. Wilds, Jr., Director, CT DEEP, Radiation Division

ENCLOSURE 1

HADDAM NECK
INDEPENDENT SPENT FUEL STORAGE INSTALLATION
ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT
JANUARY – DECEMBER 2012