



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

April 21, 2016

CY-16-018

10 CFR 50.4 and 10 CFR 50.36a(a)(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 No. 50-213)

Subject: Annual Radioactive Effluent Release Report, Annual Radiological Environmental Operating Report, and Revisions to the Offsite Dose Calculation Manual for the Haddam Neck ISFSI for 2015

10 CFR 50.36a(a)(2), Section 2.3.2 of Appendix C of the Connecticut Yankee Atomic Power Company (CYAPCO) Quality Assurance Program (QAP) for the Haddam Neck Independent Spent Fuel Storage Installation (ISFSI), and Section F.2 of the Off-Site Dose Calculation Manual (ODCM) for the Haddam Neck ISFSI require CYAPCO to submit an Annual Radioactive Effluent Release Report. Enclosure 1 provides the report for the period of January 1 through December 31, 2015.

Section 2.3.1 of Appendix C of the CYAPCO QAP for the Haddam Neck ISFSI and Section F.1 of ODCM for the Haddam Neck ISFSI require CYAPCO to submit an Annual Radiological Environmental Operating Report. Enclosure 2 provides the report for the period of January 1 through December 31, 2015.

Section 2.2.c of Appendix C of the CYAPCO QAP for the Haddam Neck ISFSI requires CYAPCO to submit changes to the ODCM for the Haddam Neck ISFSI as a part of or concurrent with the annual Radioactive Effluent Release Report. No revisions to the ODCM for the Haddam Neck ISFSI were issued in calendar year 2015.

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

Respectfully,

Robert Mitchell
ISFSI Manager

NM5501

Enclosures:

1. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radioactive Effluent Release Report, January – December 2015.
2. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radiological Environmental Operating Report, January – December 2015.

cc: D. Dorman, NRC Region I Administrator
R. Powell, Chief, Decommissioning Branch, NRC, Region 1
J. Goshen, NRC Project Manager, Haddam Neck
J. Semancik, Director, CT DEEP, Radiation Division

ENCLOSURE 1

HADDAM NECK
INDEPENDENT SPENT FUEL STORAGE INSTALLATION
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT
JANUARY – DECEMBER 2015