



**CONNECTICUT YANKEE ATOMIC POWER COMPANY**

**HADDAM NECK PLANT**

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

April 29, 2015

CY-15-021

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 Nos. DPR-61 and SFGL-21 (NRC Docket Nos. 50-213 and 72-39)

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 2014

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, 2014.

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, 2014.

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. Enclosures 3 and 4 provide Revisions 24 and 25 to the ODCM for the Haddam Neck ISFSI that were issued in calendar year 2014. In addition, Section 2.2.c of Appendix C of the CYAPCO QAP for the Haddam Neck ISFSI requires that a summary of each change to be submitted. A summary of the changes made in Revisions 24 and 25 to the ODCM for the Haddam Neck ISFSI is provided in Appendix C of Enclosure 1.

A009

IE25

IE48

NM5526

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

Respectfully,

  
Brantley Buerger, P.E.  
ISFSI Manager

Enclosures:

1. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radioactive Effluent Release Report, January – December 2014.
2. Haddam Neck Independent Spent Fuel Storage Installation, Annual Radiological Environmental Operating Report, January – December 2014.
3. Offsite Dose Calculation Manual for the Haddam Neck ISFSI, Revision 24
4. Offsite Dose Calculation Manual for the Haddam Neck ISFSI, Revision 25

cc: D. Dorman, NRC Region I Administrator  
M. S. Ferdas, Chief, Decommissioning Branch, NRC, Region 1  
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