



YANKEE ATOMIC ELECTRIC COMPANY
49 Yankee Road, Rowe, Massachusetts 01367

April 28, 2015
BYR 2015-018
10 CFR 50.4 and 10 CFR 50.36a(a)(2)

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

Yankee Atomic Electric Company
Yankee Nuclear Power Station Independent Spent Fuel Storage Installation
NRC License Nos. DPR-3 and SFGL-13 (NRC Docket Nos. 50-029 and 72-31)

Subject: Annual Radioactive Effluent Release Report, Annual Radiological Environmental Operating Report, and Changes to the Off-Site Dose Calculation Manual for 2014

10 CFR 50.36a(a)(2), Section 2.3.2 of Appendix C of the Yankee Atomic Electric Company (YAEC) Quality Assurance Program (QAP) for the Yankee Rowe Independent Spent Fuel Storage Installation (ISFSI), and Section 3.2 of the Yankee Nuclear Power Station ISFSI Off-Site Dose Calculation Manual (ODCM), require YAEC to submit an Annual Radioactive Effluent Release Report. Enclosure 1 provides this report for the period of January 1 through December 31, 2014.

Section 2.3.1 of Appendix C of the YAEC QAP for the Yankee Rowe ISFSI and Section 3.1 of the Yankee Nuclear Power Station ISFSI ODCM require the submittal of an Annual Radiological Environmental Operating Report. Enclosure 2 provides the report for the period of January 1 through December 31, 2014.

Section 2.2b) of Appendix C of the YAEC Quality Assurance Program for the Yankee Rowe ISFSI requires that any changes to the ODCM to be submitted as part of or concurrent with the Annual Radioactive Effluent Release Report. No revisions to the Yankee Nuclear Power Station ISFSI ODCM were issued for the period of January 1 through December 31, 2014.

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IE48
NM5526
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MHSS

If you have any questions regarding this submittal, please do not hesitate to contact me at (413) 424-5261 ext. 303.

Respectfully,



Brian Smith
ISFSI Manager

Enclosures:

1. Yankee Nuclear Power Station Independent Spent Fuel Storage Installation, Annual Radioactive Effluent Release Report, January – December 2014.
2. Yankee Nuclear Power Station Independent Spent Fuel Storage Installation, Annual Radiological Environmental Operating Report, January – December 2014

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

YANKEE NUCLEAR POWER STATION
INDEPENDENT SPENT FUEL STORAGE INSTALLATION
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT
JANUARY – DECEMBER 2014

April 2015