YANKEE ATOMIC ELECTRIC COMPANY

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United States Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Attention: Mr. John Hickman, Project Manager
Decommissioning Directorate
Division of Waste Management
and Environmental Protection
Office of Nuclear Material and Safeguards

Reference: License No. DPR-3 (Docket No. 50-29)

Subject: In-Situ Gamma Spectrum Analysis Reports

Yankee Atomic Electric Company (YAEC) herewith submits the enclosed reports on the use of in situ gamma spectrum analysis at the Yankee Nuclear Power Station (YNPS) site. Pursuant to the License Termination Plan (LTP), these reports were submitted electronically to the NRC's Region I office on July 27, 2005, prior to use.

Should you have any questions regarding the enclosed reports, please contact Mr. Greg Babineau, Radiation Protection Manager, at (413) 424-2202.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

Jack D. Rollins
Licensing and Regulatory Affairs Manager

Enclosures: Report Nos.: YA-REPT-01-022-04 and YA-REPT-00-011-05

cc: Mr. J. Kottan, USNRC, Region I Inspector
Mr. D. Everhart, USNRC, Region I Inspector

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