



YANKEE ATOMIC ELECTRIC COMPANY

49 Yankee Road, Rowe, Massachusetts 01367

November 28, 2006

BYR 2006-112

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-001

- References:
- (a) License No. DPR-3 (Docket No. 50-29)
 - (b) BYR 2006-074, Submittal of Groundwater Compliance Plan for License Termination at YNPS
 - (c) BYR 2006-108, Update of Status of Groundwater Compliance Activities

Subject: 2006 Interim Groundwater Report

Enclosed please find a copy of the 2006 Interim Groundwater Report for the Yankee Nuclear Power Station site. This report provides: groundwater data analysis from winter of 2005 through summer 2006, information on the wells drilled in spring and summer of 2006, synoptic water level measurements, results from the pumping tests, and a summary of the preliminary numerical model for fate and transport.

The Interim Groundwater Report is one of a series of reports that were outlined in the Groundwater Compliance Plan previously submitted to the NRC in Reference (b). Comments had been provided by the NRC via email to Yankee Atomic Electric Company (YAEC) on a draft of the Plan and were incorporated into the final version of the Plan, as indicated in Reference (c). It is our understanding that the NRC is in agreement with the approach provided in the Plan, and upon completion of implementation of the Plan, the NRC will have the information necessary to make a finding on license termination. YAEC intends to submit the request to terminate the license for the non-ISFSI areas of the site in the first quarter of 2007.

Nms801

If you should have any questions concerning the information provided herein, please call Alice Carson at (301) 916-3995, or myself at (860) 267-3938.

Sincerely,

A handwritten signature in black ink that reads "Gerry van Noordennen". The signature is fluid and cursive, with a long horizontal stroke at the end.

Gerry van Noordennen
Regulatory Affairs Manager

cc w/encl: J. Hickman, NRC Project Manager (2 copies plus CDs)
R. Walker, Director, MA DPH
W. Perlman, Executive Committee Chair, FRCOG
T.W. Hutcheson, Chair, Franklin Regional Planning Board
D. Howland, Regional Engineer, MA DEP
Robert Ross, CAN Hydrogeologist

cc w/encl on CD: L. Kaufman, Region I
E. Waterman, US Environmental Protection Agency, Region 1
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P. Sloan, Directory of Planning & Development, FRCOG
D. Katz, CAN
CAN Business Office

cc w/o: S. Collins, NRC Region I Administrator
M. Roberts, Chief, Decommissioning Branch, NRC Region I