

July 06, 2006

MEMORANDUM TO: Keith I. McConnell, Deputy Director  
Decommissioning Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Nuclear Material Safety  
and Safeguards

FROM: John Hickman, Project Manager */RA/*  
Decommissioning Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF THE JUNE 22, 2006, MEETING BETWEEN THE  
NUCLEAR REGULATORY COMMISSION STAFF AND YANKEE  
ATOMIC ELECTRIC COMPANY REGARDING THE YANKEE  
NUCLEAR POWER STATION GROUNDWATER MONITORING

On June 22, 2006, a public meeting was held at the NRC Headquarters between staff from the Nuclear Regulatory Commission (NRC), and Yankee Atomic Electric Company (YAEC) to discuss the groundwater monitoring program and the incorporation of the monitoring data into the License Termination Plan (LTP) for the Yankee Nuclear Power Station (Yankee).

YAEC provided background information on the site decommissioning status, the site end state, and the groundwater monitoring conducted to date. The licensee then provided a presentation on the current groundwater monitoring plan including a Fate and Transport model that will be developed. YAEC also discussed their closure criteria for groundwater relative to the LTP. In particular, that a resident farmer would draw water from a well placed at the highest tritium location, screened to provide 0.7 gpm, and the tritium concentration in that draw would be less than or equal to 20,000 pCi/L.

Multiple clarifying questions were asked regarding the licensee's groundwater sampling program and reports. A subsequent meeting on the subject will be considered for September, which a member of the public requested be held in the vicinity of the site. Questions were also asked regarding other radionuclides identified in earlier sampling, which had since been remediated.

The meeting attendance list and a copy of the slides used by the licensee for their presentation is attached. This meeting was noticed on June 9, 2006. No proprietary information was disseminated or presented at this meeting. No regulatory decisions were requested or made.

Docket No. 50-029

Enclosures:

1. Attendance List
2. Presentation Slides - Yankee Atomic Electric  
Company Groundwater Closure Plan (ML061770430)

cc: Yankee (Rowe) Service List

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ACRS/ACNW  
CCraig

OGC  
JHickman

OPA

**ML061800356**

OFFICE	DWMEP:PM	DWMEP:LA(A)	DWMEP:SC
NAME	JHickman	TMixon	CCraig
DATE	06/ 29 /06	06/29/06	06/26/06

**OFFICIAL RECORD COPY**

Attendees List for June 22, 2006, Meeting  
Between the Nuclear Regulatory Commission Staff  
and Yankee Atomic Electric Company  
Regarding the Yankee Nuclear Power Station Groundwater Monitoring

<u>Name</u>	<u>Organization</u>
Ken Heider	Yankee
Joe Bourassa	Yankee
Greg Babineau	Yankee
Alice Carson	Yankee
Robert Gerber	Yankee
Joe Lynch	Yankee (by phone)
Eric Daroise	Yankee (by phone)
Dave Scott	Yankee (by phone)
Keith McConnell	Decommissioning Directorate, NMSS, NRC
Jon Peckenpaugh	Decommissioning Directorate, NMSS, NRC
John Hickman	Decommissioning Directorate, NMSS, NRC
Mark Roberts	Region I, NRC (by phone)
Dave Howland	Massachusetts Department of Environmental Protection (by phone)
Larry Hansen	Massachusetts Department of Environmental Protection (by phone)
Michael Whalen	Massachusetts Radiation Control Program (by phone)
Charles Olchowski	Franklin Regional Council of Government (by phone)
Sam Lovejoy	Franklin Regional Council of Government (by phone)
Jon Block	Citizens Awareness Network (by phone)
Robert Ross	Citizens Awareness Network (by phone)
Deb Katz	Citizens Awareness Network (by phone)

**ENCLOSURE 2:**

**Yankee Atomic Electric  
Company Groundwater Closure Plan (ML061770430)**

**ML061770430**

cc:

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