



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DOCKETED  
USNRC

December 22, 1993 '93 DEC 22 P3:12

OFFICE OF SECRETARY  
DOCKETING SERVICE  
BRANCH

Samuel J. Chilk, Secretary  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

In the Matter of  
YANKEE ATOMIC ELECTRIC COMPANY  
(Yankee Nuclear Power Station)  
Docket No. 50-29

Dear Mr. Chilk.

Attached is a memorandum I received from the NRC Staff relating to the shipments involved in the above matter, which is before the Commission as a result of a petition filed by Environmentalists, Inc. on November 13, 1993.

Sincerely,

Edwin J. Reis  
Deputy Assistant General Counsel

Attachment: As stated

cc: Service List

9405020144 931222  
PDR ADOCK 05000029  
G PDR

D507



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555-0001

December 22, 1993

MEMORANDUM FOR: Edwin J. Reis, Deputy Assistant  
General Counsel  
Reactor Licensing Branch  
Office of the General Counsel

FROM: Seymour H. Weiss, Director  
Non-Power Reactors and Decommissioning  
Project Directorate  
Division of Operating Reactor Support  
Office of Nuclear Reactor Regulation

SUBJECT: STATUS OF YANKEE NUCLEAR POWER STATION  
COMPONENT REMOVAL PROGRAM

This program encompasses the removal and shipment to the Barnwell, South Carolina low level radioactive waste facility, of the following Yankee components:

1. The four steam generators
2. Pressurizer
3. Those reactor vessel internals that qualify as low level waste

The licensee has provided the following information concerning the status of this program. The four steam generators were shipped to Barnwell on two separate rail shipments that left the siding near the plant on November 17 and December 8, 1993. All four steam generators have been buried at Barnwell.

The pressurizer was shipped to Barnwell on November 30, 1993 by truck. The pressurizer radiation levels were below the values that require an NRC Transportation Certificate of Compliance; therefore, it was shipped under U.S. Department of Transportation regulations.

The reactor vessel internals, excluding the core baffle plate, qualified as low level waste. Approximately 30 percent of this low level material has been shipped to Barnwell in four licensed cask truck shipments. The licensee estimates that another twenty five such shipments will be effected by mid-Spring 1994. The core baffle plate will be stored in the spent fuel pool in the fuel storage racks and will be disposed of with the spent fuel.

The licensee has also informed us that it is planning additional disposals of other radioactive plant components, including the primary pumps and motors and certain contaminated systems outside of containment, within the next six months.

*Seymour H. Weiss*

Seymour H. Weiss, Director  
Non-Power Reactors and Decommissioning  
Project Directorate  
Division of Operating Reactor Support  
Office of Nuclear Reactor Regulation