

February 14, 1983

SBN-461
T.F. B7.1.2

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444

Subject: Open Item Response: (SRP 11.5.2; Effluent Treatment Systems
Branch)

Dear Sir:

In response to the open item regarding the potential for an unmonitored discharge of the steam generator blowdown demineralizer regenerant solution, we offer the following commitment:

The steam generator blowdown demineralizer may be regenerated. The regenerant solution is collected in the waste holdup sump. The present design allows the contents of the waste holdup sump to be discharged to either the Chemical Drain Treatment Tanks or the Water Treatment System Neutralization Tank.

A modification is presently underway which will eliminate the waste holdup sump discharge to the Neutralization Tank and, instead, allow the sump's contents to be discharged to the Liquid Waste System's Test Tank release header upstream of the header's radiation monitor.

Prior to discharging contents of the waste holdup sump, samples will be analyzed for radioactive contaminants. Should sample results indicate that release rate would exceed 10CFR20, Appendix B limits, the contents of the sump will be discharged to the Chemical Drain Treatment Tanks for

8001

United States Nuclear Regulatory Commission
Attention: Mr. George W. Knighton

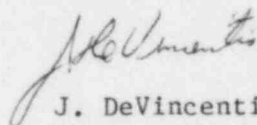
February 14, 1983
Page 2

processing as radioactive waste. All other discharges will be made via the Test Tank discharge header and will be monitored by that System's radiation monitor. Automatic termination of this discharge path is provided should the discharge activity exceed the setpoints determined by the Off-Site Dose Calculation Manual.

The above commitment will be incorporated in OL Application Amendment 49.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


J. DeVincentis
Project Manager

ALL/fsf

cc: Atomic Safety and Licensing Board Service List

ASLB SERVICE LIST

Philip Ahrens, Esquire
Assistant Attorney General
Department of the Attorney
General
Augusta, ME 04333

Representative Beverly Hollingworth
Coastal Chamber of Commerce
209 Winnacunnet Road
Hampton, NH 03842

William S. Jordan, III, Esquire
Harmon & Weiss
1725 I Street, N.W.
Suite 506
Washington, DC 20006

E. Tupper Kinder, Esquire
Assistant Attorney General
Office of the Attorney General
208 State House Annex
Concord, NH 03301

Robert A. Backus, Esquire
116 Lowell Street
P.O. Box 516
Manchester, NH 03105

Edward J. McDermott, Esquire
Sanders and McDermott
Professional Association
408 Lafayette Road
Hampton, NH 03842

Jo Ann Shotwell, Esquire
Assistant Attorney General
Environmental Protection Bureau
Department of the Attorney General
One Ashburton Place, 19th Floor
Boston, MA 02108