

VERMONT YANKEE NUCLEAR POWER CORPORATION

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March 12, 2001
BVY 01-23

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

- References:
- (a) Letter, VYNPC to USNRC, "Average Reactor Coolant Conductivity for Vermont Yankee," BVY 01-19, dated March 5, 2001.
 - (b) Letter, VYNPC to USNRC, "Request for Alternate Inspection Frequency for Weld Repair Overlays," BVY 00-102, dated October 31, 2000.
 - (c) BWRVIP-29, "BWR Water Chemistry Guidelines – 1996 Revision," EPRI TR-103515-R1, dated December 1996.

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
Additional Information Supporting Alternate Inspection Intervals for Weld Overlays**

In Reference (b), Vermont Yankee (VY) requested a revised inspection frequency based upon previous inspection results and use of resistant overlay material for two Core Spray system welds. On February 27, 2001, VY discussed this submittal with the Staff and determined that additional information was necessary to support our request based upon either the "normal water chemistry" case or "hydrogen water chemistry" case. Reference (a) was submitted providing average reactor coolant conductivity data to support the "normal water chemistry" inspection interval.

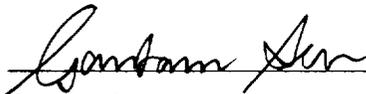
In further discussions with the staff, additional information was requested. The requested information is provided below.

- The two Core Spray system weld overlays for which we are requesting a revised inspection interval, are both "full structural weld overlays."
- The VY reactor water chemistry program follows the guidance provided in the 1996 EPRI BWR Water Chemistry Guidelines, Table 4-4, for the applicable parameters.

Should there be any questions concerning this submittal, or if you desire additional information, please contact Mr. Jeffrey Meyer at (802) 258-4105.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION



Gautam Sen
Licensing Manager

cc: USNRC Region 1 Administrator
USNRC Resident Inspector – VYNPS
USNRC Project Manager – VYNPS
Vermont Department of Public Service

ADD1

