

APPENDIX A

NOTICE OF DEVIATION

Connecticut Yankee Atomic Power Company
P.O. Box 270
Hartford, Connecticut 06141

Docket No. 50-213
License No. DPR-61

As a result of an inspection conducted from October 9 - 17, 1990, a deviation was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR 2, Appendix C (Enforcement Policy) (1990), the deviation is set forth below:

Final Safety Analysis Report (FSAR) Chapter 15.2.10 credits the termination of a steam generator tube rupture break flow within 30 minutes of the accident initiation by closing the loop stop valves in the faulted loop. Attachment B to Emergency Operating Procedure E-3, STEAM GENERATOR TUBE RUPTURE, utilizes the reactor coolant system (RCS) loop stop valves to isolate the affected steam generator and terminate break flow. Current station policy, however, is to terminate break flow by depressurization of the RCS to a pressure below that of the faulted steam generator. Station policy is consistent with current Westinghouse Owners Group policy.

To verify that this policy would support the intent of the FSAR assumption and accident analysis, identical SG tube rupture (SGTR) scenarios were run for two operating crews on the plant simulator. Both operating crews complied with the station policy and did not isolate the faulted loop. Crew No. 1 did not terminate break flow within 30 minutes. Crew No. 2 terminated break flow within 25 minutes; however, break flow was immediately reinitiated when the operators continued with E-3.

Current station policy for responding to a steam generator tube rupture accident is contrary to the intent of FSAR Chapter 15.2.10 for terminating steam generator break flow within 30 minutes.

This condition has been classified as a Deviation (10 CFR 2, Appendix C) applicable to DPR-61.

Pursuant to the provisions of 10 CFR 2, Appendix C, paragraph V. H. (2), Connecticut Yankee Atomic Power Company is hereby requested to submit to this office within 60 days of the date of the letter which transmitted this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further deviations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.

Dated at King of Prussia, Pennsylvania
this 16th day of January, 1991.