

NOTICE OF VIOLATION

Commonwealth Edison Company

Docket No. 50-265

As a result of the inspection conducted from February 3 through March 2, 1991, and in accordance with 10 CFR Part 2, Appendix C - General Statement of Policy and Procedure for NRC Enforcement Actions (1990), the following violation was identified:

10 CFR 50, Appendix B, Criteria III, Design Control, requires, in part, design control measures shall provide for verifying or checking the adequacy of design. Where a test program is used to verify the adequacy of a specific design feature in lieu of other verifying or checking process, it shall include suitable qualifications testing of a prototype unit under the most adverse design conditions.

10 CFR 50, Appendix B, Criterion XI, Test Control, requires in part that all testing required to demonstrate that systems and components will perform satisfactorily inservice is identified and performed in accordance with written procedures that incorporate the requirements and acceptance limits in applicable design documents.

Contrary to the above, in February 1991, a NRC review of modification design document M4-1(2)-85-42 and the post-modification test performed in 1987 found inadequacies. Neither the design document nor the post-modification test adequately specified the water temperature test requirements necessary to verify the design net positive suction head for the standby liquid control system pumps under the most adverse design conditions.

This is a Severity Level IV violation (Supplement 1). (50-265/91004-01(DRP))

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each violation: (1) the corrective actions that have been taken and the results achieved; (2) the corrective actions that will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

MAR 21 1991

Dated \_\_\_\_\_

*for William L. Shafer*  
W. D. Shafer, Chief  
Reactor Projects Branch 1

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