

ENCLOSURE 1

Notice of Violation

Boston Edison Company  
Pilgrim Station

Docket No. 50-293  
License No. DPR-35

As a result of an inspection conducted from March 3 - April 28, 1997, the following violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy (60 FR 34381; June 30, 1995), the violation is described below:

10 CFR Part 50, Appendix B, Criterion III, Design Control, requires that applicable regulatory requirements and design basis for those structures, systems, and components to which this appendix applies are correctly translated into specifications, drawings, procedures, and instructions.

- a. Contrary to the above, the function of the 480/120 voltage regulating transformers was not correctly translated into specifications which became evident during a significant storm on April 1, 1997, when the running SSW and RBCCW pumps tripped and isolations of the RWCU system and RBIS occurred with the resultant start of the SBT system. The transformers were procured and installed by engineering specification E-51A and PDC 91-51A and automatically turned off due to an unknown vendor installed undervoltage design feature.
- b. Contrary to the above, the function of MO-1301-53 (RCIC system full flow test valve) was not correctly translated into drawings when the valve functioned in the seal-in close mode on April 17, 1997, causing an inadvertent overspeed/trip and increased unavailability time of the RCIC system turbine. Electrical design drawing MIG27 did not reflect an earlier modification made at an indeterminate date which converted MO-1301-53 to jog open/jog close.

The above failures adversely affected the performance of safety related equipment and unnecessarily challenged the operators.

This is a Severity Level IV violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, Boston Edison Company is hereby requested to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the regional Administrator Region I, and a copy to the NRC Resident Inspector at Pilgrim, within 30 days of the date of the letter transmitting this Notice of Violation. The response should be clearly marked as "Reply to a Notice of Violation" and should include: (1) the reason for the violation or, if contested, the basis for disputing the violation; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps that will be taken to avoid further violations; and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked, or why such action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Docket Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at King of Prussia, Pennsylvania  
this 22th day of May, 1997