

NOTICE OF VIOLATION

Commonwealth Edison Company  
Byron Station Units 1 and 2

Docket Nos. 50-454; 50-455  
License Nos. NPF-37; NPF-66

As a result of the inspection conducted from July 1 through August 15, 1988, and in accordance with the "General Policy and Procedures for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1987), the following violation was identified:

Technical Specification 3.7.5 requires that two independent ultimate heat sink (UHS) cooling towers shall be operable in Modes 1 to 4 with one operable essential service water makeup pump per train. With one essential service water makeup pump inoperable, action statement c requires the licensee to restore the affected pump to operable status within 72 hours, or to be in Mode 3 within the next 6 hours and Mode 5 within the following 30 hours.

Final Safety Analysis Report paragraph 9.2.5.5 specifies that each basin in the cooling tower have a category I level switch and that, in the event of low water level in the basin, the corresponding essential service water makeup pump be automatically started.

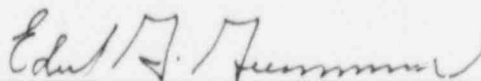
Contrary to the above, from June 10 through June 16, 1988, with Units 1 and 2 in Mode 1, level switch OLS-SX097 for the OB basin was deenergized, thereby rendering the OB essential service water makeup pump incapable of starting automatically on low (UHS) basin water level for greater than 72 hours, and Units 1 and 2 were not shutdown and placed in Mode 5 within the following 36 hours.

This is a Severity Level IV violation (Supplement I). (454/88011-01(DRP); 455/88011-01(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) corrective action taken and the results achieved; (2) corrective action to 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.

AUG 19 1988

Date



Edward G. Greenman, Director  
Division of Reactor Projects