

OFFICE OF ENFORCEMENT  
NOTIFICATION OF SIGNIFICANT ENFORCEMENT ACTION

Licensee: Exelon Nuclear (EA-05-103)  
 LaSalle County Station  
 Docket Nos. 050-373; 050-374

Subject: ISSUANCE OF FINAL SIGNIFICANCE DETERMINATION AND NOTICE OF VIOLATION

This is to inform the Commission that a Notice of Violation associated with a White Significance Determination Process (SDP) finding will be issued on or around September 7, 2005, to Exelon Nuclear as a result of inspections at the LaSalle County Station. This White finding, an issue with low to moderate increased importance to safety which may require additional NRC inspection, involved a single point vulnerability that could result in a loss of all onsite and offsite power sources to both 4160 Vac Division 1 and Division 2 safety-related buses at either of the LaSalle units. Specifically, the licensee identified a design deficiency in a common metering circuit where a postulated single failure would result in the loss of all offsite and onsite ac power to Division 1 and 2 safety-related distribution buses for both units.

A Notice of Violation is included based on a violation of 10 CFR Part 50, Appendix B, Criterion III, Design Control, and 10 CFR 50, Appendix A, General Design Criterion 17, (Electric Power Systems) because the licensee made modifications to the emergency diesel generator output circuit breakers that were not subject to design control measures commensurate with those applied to the original design. However, for the purpose of the Reactor Oversight Process (ROP) Agency Action Matrix, this issue will be characterized as an "Old Design Issue" consistent with the guidance in MC 0305.

It should be noted that the licensee has not been specifically informed of the enforcement action. The schedule of issuance and notification is:

Mailing of Final Significance Determination	September 7, 2005
Telephone Notification of Licensee	September 7, 2005

The State of Illinois will be notified.

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**PRELIMINARY INFORMATION - NOT FOR PUBLIC DISCLOSURE UNTIL  
 VERIFICATION THAT LICENSEE HAS RECEIVED ACTION**