

December 13, 2010
RN 10-052

OFFICE OF ENFORCEMENT
NOTIFICATION OF SIGNIFICANT REGULATORY ACTION

Licensee: PPL Susquehanna, LLC EA-10-207
Susquehanna Steam Electric Station
Docket No. 50-387/388

Subject: ISSUANCE OF FINAL SIGNIFICANCE DETERMINATION

This is to inform the Commission that a White Significance Determination Process finding will be issued on or about December 16, 2010, to PPL Susquehanna, LLC (Licensee), as a result of inspections at the Susquehanna Steam Electric Station Units 1 and 2. This White finding, an issue with low to moderate safety significance, involved inadequate procedures related to the maintenance and operation of the main condenser waterboxes and circulating water system, which resulted in an internal flooding event, a manual scram, and a loss of the normal reactor heat sink.

The licensee was offered the opportunity to attend Regulatory Conference or provide a written response, but has decided that neither was necessary.

Although this finding has been characterized as White, no violations of regulatory requirements were identified, because the circulating water system is not safety-related, and therefore, not subject to the requirements of 10 CFR Part 50, Appendix B.

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

Mailing of final significance determination	December 16, 2010
Telephone notification of licensee	December 16, 2010

The Commonwealth of Pennsylvania will be notified.

CONTACTS: Gerry Gulla, OE, (301) 415-2872 Nick Hilton, OE, (301) 415-3055

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

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