July 27, 2005
EN 05-028

OFFICE OF ENFORCEMENT
NOTIFICATION OF SIGNIFICANT ENFORCEMENT ACTION

Licensee: Entergy Nuclear Operations, Inc. (EA-05-102)
Indian Point 2
Docket No. 50-247

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 August 1, 2005, to Entergy Nuclear Operations, Inc. as a result of inspections at Indian Point 2. This White finding, an issue of low to moderate safety significance, which may require additional NRC inspections, involved inadequate evaluation and corrective actions for a degraded condition that existed in the safety injection system. The degraded condition involved water from a safety injection accumulator leaking past several closed valves, allowing water containing absorbed nitrogen to reach other portions of the emergency core cooling system, including the common suction supply piping for the safety injection pumps and the #23 safety injection pump casing. As a result, the #23 safety injection pump was not functional because the pump casing was filled with gas, and the capability of the #21 and #22 safety injection pumps was challenged because the common suction header contained a significant accumulation of gas.

Included is a Notice of Violation of 10 CFR Part 50, Appendix B, Criterion XVI, “Corrective Action,” because Entergy failed to promptly identify and correct a condition adverse to quality. Specifically, Entergy did not recognize the potential for gas intrusion into the safety injection system and the resultant potential challenge to safety injection pump operation. Furthermore, in accordance with its corrective action process procedure, Entergy did not adequately assess available industry Operating Experience regarding safety injection accumulator back-leakage. Although Entergy entered the degraded accumulator condition issue into its corrective action system on November 21, 2004, prioritization, evaluation and correction of this condition adverse to quality was inadequate because Entergy did not correct the condition until January 27, 2005.

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	August 1, 2005
Telephone Notification of Licensee	August 1, 2005

The State of New York will be notified.

Contacts: Audrey Hayes, OE, 415-3121 James Leuhman, OE, 415-2741

Distribution

OWFN _____	OWFN _____	TWFN _____	Regional Offices
Chairman _____	EDO	OCFO	RI _____ RIV _____
Comm. _____	DEDR	OP CTR	RII _____
Comm. _____	DEDMRS	NMSS	RIII _____
Comm. _____	OE	OCIO	
Comm. _____	OGC	OIG	**MAIL**
SECY	NRR	RES	PUBLIC
OCA	NSIR	ACRS	
PA	OI		
IP	STP		

E:\Filenet\ML052080135.wpd
ADAMS ACN ML052080135

OE:ES	OE:C
A. Hayes	C. Nolan
07/27/05	07/27/05

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