

Event Notification Report for July 21, 2004

**U.S. Nuclear Regulatory Commission
Operation Center**

Power Reactor	Event Number:40728
Facility: POINT BEACH Region:3 State: WI Unit: [1] RX Type:[1] W-2-LP,[2] W-2-LP NRC Notified By:JIM FOUSE HQ OPS Officer:MIKE RIPLEY	Notification Date:05/06/2004 Notification Time:13:30 [EST] Event Date:05/06/2004 Event Time:10:46 [CDT] Last Update Date:05/06/2004
Emergency Class:NON EMERGENCY 10 CFR Section: 50.72(b)(3)(ii)(A) - DEGRADED CONDITION	Person (Organization): CHRISTINE LIPA (R3) TERRY REIS (NRR)

Unit	SCAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	0	0	Refueling	0	Refueling

Event Text

REACTOR VESSEL HEAD NOZZLE WELD AREA FLAW

"During performance of NDE examinations of the Point Beach Nuclear Plant (PBNP) Unit 1 reactor pressure vessel (RPV) head required by the First Revised NRC Order (EA-03-009), flaw indications were identified on Nozzle 26. The ultrasonic examination (UT) signal for nozzle 26 identified flaw indications in the J-groove weld area that extend into the CRDM tube base material.

"A dye-penetrant (PT) examination of the nozzle 26 CRDM J-groove material was also performed. The PT exams showed minor surface indications that required further evaluation. Following minor excavation of the weld surface, additional examinations of the J-groove surface were performed. The results of these exams indicated the existence of flaws in the weld that do not meet accepted flaw evaluation guidance.

"Based upon preliminary analysis, it is expected that these indications would not be found acceptable under ASME standards. Therefore, this condition represents degradation of a principal safety barrier reportable under 10 CFR 50.72(b)(3)(ii)(A).

"PBNP Unit 1 Nozzle 26 is planned to be repaired prior to placing the RPV Head back into service.

"The condition was determined to be reportable at 1046 CDT on May 6, 2004. The licensee has notified the Resident Inspectors."

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