

January 17, 2008

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-III-08-001A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Point Beach Unit 1	<input checked="" type="checkbox"/> Notification of Unusual Event
FPL Energy Point Beach, LLC	<input type="checkbox"/> Alert
Two Creeks, WI	<input type="checkbox"/> Site Area Emergency
Docket: 50-266; License: DPR-24	<input type="checkbox"/> General Emergency
	<input type="checkbox"/> Not Applicable

SUBJECT: POINT BEACH UNIT 1 NOTIFICATION OF UNUSUAL EVENT  
DUE TO LOSS OF OFFSITE POWER TO VITAL BUSES,  
REV. 1

This revision provides an update to PNO-III-08-001, issued on January 16, 2008.

At 2:04 p.m. (CST) on January 15, 2008, one of the Point Beach Unit 1 electrical transformers failed, causing a loss of power to both Unit 1 vital 4160-volt busses. Unit 1 and Unit 2 remained at full power during the electrical transient. All four emergency diesel generators (EDGs) (2 from each unit) started as designed. Neither of the Unit 2 EDGs was required since Unit 2 was unaffected by the electrical transient and were subsequently shut down by plant operators. The Unit 1 EDGs remained in operation and supplied both 4160-volt vital busses. Subsequent investigation of the transformer failure identified indications of an electrical short.

The licensee declared a Notification of Unusual Event (NOUE) at 2:15 p.m. (CST) in accordance with its emergency plan for the loss of power to a transformer that results in the loss of all offsite power to both vital busses for greater than 15 minutes and in both vital busses being powered from EDGs. At 3:49 p.m. on January 16, 2008, the licensee began a controlled shutdown of Unit 1, and completed it at 7:47 p.m. when the reactor entered Mode 3 (Hot Standby). The licensee exited the NOUE at 8:35 p.m. The licensee continues its investigation of the cause of the transformer failure. Point Beach Unit 2 remains at 100 percent power.

Region III staff in the Region III Incident Response Center, and the Point Beach and Kewaunee resident inspectors in the Point Beach control room, continuously monitored the licensee's activities throughout the event and the shutdown of Unit 1. The NRC entered Monitoring Mode at 6:28 p.m. (CST) on January 15, 2008, due to the duration of the event. At 8:59 p.m. on January 16, 2008, with both Point Beach Units in a stable condition, the NRC exited Monitoring Mode and resumed normal operations. The NRC will review the licensee's ongoing investigation into the failure of the transformer, the corrective actions and repairs, and the restart of Unit 1.

The State of Wisconsin was informed.

The information in this preliminary notification has been reviewed by the licensee.

This information is current as of 10:00 am CST on January 17, 2008.

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