

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-08-002

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 Region II staff (Atlanta, Georgia) on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Florida Power & Light Comopany	Notification of Unusual Event
Turkey Point Units 3 & 4	Alert
Florida City, FL	Site Area Emergency
Dockets/License: 050-00250, 050-00251	General Emergency
License: DRP-31, DRP-41	X Not Applicable

Subject: DUAL UNIT TRIP AT TURKEY POINT DUE TO GRID DISTURBANCE

On February 26, 2008, at 1:09 p.m. (EST), Florida Power & Light (FPL) Company's Turkey Point Nuclear Plant Units 3 and 4 automatically tripped from full power due to a momentary undervoltage condition on the 4 kilovolt emergency busses. The undervoltage condition resulted from an electrical fault at an offsite electrical substation. The electrical systems automatically switched from the main generators to offsite power, which had recovered voltage. All safety-related systems functioned as designed and the units were placed in Hot Shutdown (Mode 3). The units are in Mode 3 and the licensee is in the process of preparing the units for re-start.

The grid disturbance also resulted in the three fossil units onsite tripping and loss of power to a large portion of Florida. The loss of power resulted in significant national media attention and the Region II Office of Public Affairs staff was contacted by more than 50 media outlets concerning the effect on the nuclear plants in Florida. The other nuclear units in Florida, St. Lucie Units 1 and 2 and Crystal River, were not adversely impacted by the grid disturbance.

The NRC resident inspectors were onsite and have closely followed the licensee's activities and observed plant activities. Based upon current information, the NRC plans to conduct routine inspection follow-up.

The State of Florida was informed of the event by the NRC.

Region II received initial notification of this occurrence from the senior resident inspector at approximately 1:20 p.m. on February 26. The information presented herein has been discussed with FPL, and is current as of 10:00 a.m., February 27, 2008.

Region II Public Affairs is prepared to respond to media inquiries.

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