

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-03-19A

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>
Carolina Power and Light Company	Notification of Unusual Event (NOUE)
Brunswick Steam Electric Generating Plant	Alert
Southport, North Carolina	Site Area Emergency
Dockets/License: 50-325; 50-324	General Emergency
DPR-71; DPR-62	X Not Applicable

Subject: Update on Region II Response to Hurricane Isabel

The NRC Region II office is securing from the Monitoring Phase of Normal for hurricanes and de-activating its Incident Response Center at 9:00 a.m. (EDT) on September 19, 2003. Hurricane Isabel struck the coast of North Carolina and Virginia and affected the Brunswick, Harris, Surry, and North Anna nuclear plants and the Global Nuclear fuel facility. A summary follows:

Brunswick exited their Notice of Unusual Event on September 18 at 5:40 p.m. (EDT). The site did not experience any significant problems. Unit 1 remained operating at 94 percent power and Unit 2 remained at 96 percent power. The Resident Inspectors departed the site early Thursday evening.

Harris lost power to some non-critical buildings and had several emergency sirens rendered inoperable. The unit remained at 100 percent power and has recovered almost all of the sirens. The Resident Inspectors left the site at 9:30 p.m. (EDT).

Surry declared an NOUE when both units were tripped from power due to loss of all circulating water (CW) pumps at 5:33 p.m. (EDT) Thursday, September 18. Diesel-driven emergency service water (ESW) pumps (3) started in response, although two subsequently tripped on strainer clogging. CW pumps were restored but tripped again at 2100 due to another loss of power. CW flow was restored late Thursday evening. Surry remains in an NOUE and will do so until damage assessments in the surrounding area are complete. Both units are in hot shutdown with a main feed pump in service. The licensee is preparing Unit 1 for start-up pending FEMA and NRC approval. High storm winds disabled the plant meteorological tower, felled numerous trees blocking site access, and caused widespread local power outages. Total rainfall was approximately 6 inches. Other than the CW problems, the storm did not cause any significant plant problems. Site access has been restored and power is sequentially being restored in local areas. Resident Inspectors remained at the site through the night and are continuing to monitor recovery efforts.

North Anna experienced winds below 50 mph and had minimal impact from the storm. However, Unit 2 was ramped to 63% power and remains there due to limited load on the Dominion Power grid (>75% of service customers lost power). No emergency facilities were activated. Resident Inspectors remained at the site through the night.

Global Nuclear experienced sustained winds of between 20-30 mph and had minimal impact. No onsite flooding was reported. Presently, preparations are being made to restart the facility.

Region II will coordinate with Federal Emergency Management Agency Region III to perform damage and restart assessments for Surry Unit 1.

The States of North Carolina, South Carolina and Virginia have been notified.

The information presented herein was discussed with the licensee and is current as of 9:00 a.m. (EDT), September 19, 2003.

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