

September 12, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-84-59B

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 II staff on this date.

FACILITY: Carolina Power and Light Company
Brunswick Units 1 and 2
Docket Nos. 50-325 and 50-324
Southport, North Carolina
Virginia Electric and Power Company
Surry Units 1 and 2
Docket Nos. 50-280 and 50-281
Surry, Virginia
General Electric Company
Docket No. 70-1113
Wilmington, North Carolina

Licensee Emergency Classification:
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: ACTIONS IN RESPONSE TO HURRICANE DIANA

This PN updates PNO-II-84-59A, issued on September 11, 1984.

At 10 a.m. (EDT) today, the National Oceanic and Atmospheric Administration said that Hurricane Diana was located at latitude 34.0 degrees north and 77.1 degrees west, which is about 45 miles east southeast of Wilmington, North Carolina. The highest winds are 115 miles an hour and the barometric pressure at the center is 28.53 inches.

The hurricane now has no sense of direction. Steering currents remain very weak and unexpected changes in the hurricane could occur at any time. Earlier projections made at 6 a.m. (EDT) September 12, 1984, projected the location of the storm's center by 2 a.m. tomorrow at 35.5 degrees north and 76.0 degrees west (further north along the North Carolina coast). However, during the past few hours, the system has been drifting slowly eastward.

Precautionary procedures are still in effect at the Brunswick, General Electric and Surry sites. Here is the situation for each facility:

At Brunswick, where Unit 1 remains in cold shutdown, and Unit 2 is down for refueling, the TSC was activated at the site and direct communication with the Region II Incident Response Center was in effect throughout the night. No damage was sustained to either Unit from wind or flooding. The hurricane will continue to be closely monitored by the licensee. Neither offsite power nor communication lines were lost during the event.

The General Electric Company (GE) reported to Region II on September 12, 1984, that a small work force remained at the low enriched fuel fabrication plant during the night and that the plant condition was satisfactory following the peak of Hurricane Diana. GE further reported there was no power outage other than a minor interruption at the Waste Treatment Facility which was not in operation at the time. There was no visible damage to the plant or to the outside storage areas. The day shift has been cancelled for September 12, 1984, and normal operation is expected to resume on the second shift.

At Surry, which is still farther from potential risk from the hurricane, Unit 1 is operating at 80 percent, while Unit 2 is operating at 100 percent power. Plant management has continued to monitor weather conditions at two-hour intervals and has plans in place to escalate precautionary actions if conditions warranted. Loose equipment located outside has been secured. The three emergency diesel generators are operable.

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Region II staffed its Incident Response Center overnight and is continuing to monitor the track of the hurricane. Close coordination with NRC headquarters and Region I is being maintained.

The State of North Carolina and the Commonwealth of Virginia have been monitoring the situation overnight. Evacuations, injuries, and damages have been monitored and appropriate actions taken. Contact with North Carolina authorities earlier this morning indicated that they were not aware of any major damages, injuries or deaths at that time.

Media interest is occurring. The licensees and Region II are responding to inquiries.

This information is current as of 10 a.m. (EDT) today.

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