

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)
U.S. DEPARTMENT OF ENERGY
Hurricane Ophelia Situation Report #1
September 14, 2005 (2:00 PM EDT)**

- NOAA reported at 11:00AM 9/14 that Ophelia is now a Category One hurricane with maximum sustained winds near 80 mph. Hurricane Ophelia is located about 40 miles south of Wilmington N.C. and about 85 miles southwest of Cape Lookout, N.C and is moving at 7 MPH north-northeast. Hurricane force winds extend outward up to 50 miles from the center of the storm and tropical storm force winds extend outward up to 140 miles from the center of the storm. Some slight strengthening is possible. Ophelia is expected to produce additional rainfall accumulations of 4 to 8 inches over extreme northeastern South Carolina and eastern North Carolina with maximum storm total amounts of 15 inches possible over coastal sections of North Carolina. <http://www.nhc.noaa.gov/>
- Per the Nuclear Regulatory Commission, the Brunswick nuclear reactor on the southern coast of North Carolina declared an Unusual Event based on the hurricane warning that was issued. Both units remain at power and no safety systems have been adversely affected.
- DOE staff have deployed to both North Carolina and South Carolina as part of the Ophelia Preparedness Plan. DOE staff at the FEMA Region IV office in Atlanta have resumed 24/7 operations
- Progress Energy in North Carolina is reporting almost 50,000 customers without power due to Hurricane Ophelia.