

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WE2XEH

(Call Sign)

XD MO

(Class of Station)

0283-EX-PL-2006

(File Number)

NAME Duke Energy Carolinas (formerly Duke Power Company)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Charlotte (MECKLENBURG), NC, at temporary fixed locations (transportable), within 15 km, centered around NL 36-06-06; WL 80-49-46

Frequency Information

MOBILE: Charlotte (MECKLENBURG), NC, at temporary fixed locations (transportable), within 15 km, centered around NL 36-06-06; WL 80-49-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.7-60 MHz	FX			

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.

This authorization effective June 26, 2007 and
will expire 3:00 A.M. EST July 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (6) Licensee is required to file a PROGRESS REPORT at the completion of testing. This progress report shall be filed with Federal Communications Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, S.W.; Washington, DC 20554 or uploaded electronically via the OET Experimental Licensing Branch's Electronic Filing Web Site at https://gulfoss2.fcc.gov/prod/oet/index_els.html by using the "Add Attachments" feature.
- (7) The PROGRESS REPORT should include, but is not limited to, a description of measurements and results demonstrating compliance with Part 15.109.
- (8) This license authorizes the use of no more than 2500 units at any time.
- (9) CISPR quasi-peak measurements are to be taken in the linear mode only.
- (10) Licensee must respond to interference complaints in a timely manner.