

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XHK

(Call Sign)

0386-EX-RR-2009

(File Number)

NAME Progress Energy

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) New Hill (WAKE), NC - NL 35-38-18; WL 78-56-24; MOBILE: Shearon Harris Nuclear Plant, New Hill, NC, within 2 km, centered around NL 35-38-18; WL 78-56-24
- (2) Southport (BRUNSWICK), NC - NL 33-57-13; WL 78-01-39; MOBILE: Brunswick Nuclear Power Plant, Southport, NC, within 2 km, centered around NL 33-57-13; WL 78-01-39
- (3) Hartsville (DARLINGTON), SC - NL 34-26-47; WL 80-08-43; MOBILE: Robinson Nuclear Plant, Hartsville, SC, within 2 km, centered around NL 34-26-47; WL 80-08-43
- (4) Crystal River (CITRUS), FL - NL 28-57-40; WL 82-37-43; MOBILE: Crystal River Nuclear Power Plant, Crystal River, FL, within 2 km, centered around NL 28-57-40; WL 82-37-43

Frequency Information

New Hill (WAKE), NC - NL 35-38-18; WL 78-56-24; MOBILE: Shearon Harris Nuclear Plant, New Hill, NC, within 2 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-722 MHz	MO	190KG3E 200KF3E 91K0F3E	250 mW (ERP)	

This authorization effective February 18, 2010 and
will expire 3:00 A.M. EST February 18, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Southport (BRUNSWICK), NC - NL 33-57-13; WL 78-01-39; MOBILE: Brunswick Nuclear Power Plant, Southport, NC, within

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-722 MHz	MO	190KG3E 200KF3E 91K0F3E	250 mW (ERP)	

Hartsville (DARLINGTON), SC - NL 34-26-47; WL 80-08-43; MOBILE: Robinson Nuclear Plant, Hartsville, SC, within 2 km, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-722 MHz	MO	190KG3E 200KF3E 91K0F3E	250 mW (ERP)	

Crystal River (CITRUS), FL - NL 28-57-40; WL 82-37-43; MOBILE: Crystal River Nuclear Power Plant, Crystal River, FL, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-722 MHz	MO	190KG3E 200KF3E 91K0F3E	250 mW (ERP)	

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) Radios are not to go beyond the nuclear power plant property.
- (3) This license will expire on the expiration date stated on this license or 18 months after the end of the next refueling outage, whichever occurs first.