

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

EXPERIMENTAL

(Nature of Service)

WE2XHU

(Call Sign)

XT MO

(Class of Station)

0412-EX-PL-2007

(File Number)

NAME Entergy Services, Inc

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(k) of the Commission's Rules

Station Locations

- (1) MOBILE: Entergy Palisades Nuclear Station, Covert, MI, within 2 km, centered around NL 42-19-21; WL 86-18-51
- (2) MOBILE: Entergy Nuclear Vermont Yankee Nuclear Station, Vernon, VT, within 2 km, centered around NL 42-46-51; WL 72-30-53
- (3) MOBILE: James A Fitzpatrick Nuclear Station, Lycoming, NY, within 2 km, centered around NL 43-31-20; WL 76-23-54
- (4) MOBILE: Indian Point Entergy Nuclear Station, Buchanan, NY, within 2 km, centered around NL 41-16-09; WL 73-57-03
- (5) MOBILE: Grand Gulf Nuclear Station, Port Gibson, MS, within 2 km, centered around NL 32-01-19; WL 91-03-01
- (6) MOBILE: Arkansas Nuclear One Nuclear Station, Russellville, AR, within 2 km, centered around NL 35-19-04; WL 93-13-23
- (7) MOBILE: Entergy Pilgrim Nuclear Station, Plymouth, MA, within 2 km, centered around NL 41-56-47; WL 70-35-01
- (8) MOBILE: Waterfor Nuclear Station, Taft, LA, within 2 km, centered around NL 29-59-50; WL 90-28-36
- (9) MOBILE: Riverbend Nuclear Station, St. Francisville, LA, within 2 km, centered around NL 30-45-25; WL 91-19-57

This authorization effective September 14, 2007 and
will expire 3:00 A.M. EST February 17, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Entergy Palisades Nuclear Station, Covert, MI, within 2 km, centered around NL 42-19-21; WL 86-18-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Entergy Nuclear Vermont Yankee Nuclear Station, Vernon, VT, within 2 km, centered around NL 42-46-51; WL 72-30-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: James A Fitzpatrick Nuclear Station, Lycoming, NY, within 2 km, centered around NL 43-31-20; WL 76-23-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E	125 mW (ERP)	

Frequency Information

MOBILE: James A Fitzpatrick Nuclear Station, Lycoming, NY, within 2 km, centered around NL 43-31-20; WL 76-23-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Indian Point Entergy Nuclear Station, Buchanan, NY, within 2 km, centered around NL 41-16-09; WL 73-57-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Grand Gulf Nuclear Station, Port Gibson, MS, within 2 km, centered around NL 32-01-19; WL 91-03-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

Frequency Information

MOBILE: Arkansas Nuclear One Nuclear Station, Russellville, AR, within 2 km, centered around NL 35-19-04; WL 93-13-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Entergy Pilgrim Nuclear Station, Plymouth, MA, within 2 km, centered around NL 41-56-47; WL 70-35-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Waterfor Nuclear Station, Taft, LA, within 2 km, centered around NL 29-59-50; WL 90-28-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E	125 mW (ERP)	

Frequency Information

MOBILE: Waterfor Nuclear Station, Taft, LA, within 2 km, centered around NL 29-59-50; WL 90-28-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	70K0F3E 80K0F3E 84K0F3E	125 mW (ERP)	

MOBILE: Riverbend Nuclear Station, St. Francisville, LA, within 2 km, centered around NL 30-45-25; WL 91-19-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150-216 MHz	MO	190KG3E 20K0F3E 20K4F3E 30K0F3E 44K0F3E 70K0F3E 80K0F3E 84K0F3E	125 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) No transmissions are permitted on 156.8 MHz.
- (3) Operation is subject to prior coordination with the local Broadcast Auxiliary Services frequency coordinator, who can be found at http://freq.sbe.org/pdf_files/coordinators.pdf.
- (4) Licensee shall comply with all terms of the Consensus Plan between the Nuclear Energy Institute (NEI), the Utilities Telecom Council (UTC) and leading broadcaster organizations (Broadcasters) as presented in the exhibit attached to the application (File # 0412-EX-PL-2007) entitled "NEI SBE Signature Agreement."