

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

EXPERIMENTAL

(Nature of Service)

WE2XHM

(Call Sign)

XD FX MO

(Class of Station)

0406-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) Covert (VAN BUREN), MI - NL 42-19-21; WL 86-18-51; MOBILE: Entergy Palisades Nuclear Station, Indoor Use, within 2 km
- (2) Vernon (WINDHAM), VT - NL 42-46-51; WL 72-30-53; MOBILE: Entergy Nuclear Vermont Yankee Nuclear Station, Indoor Use, within 2 km
- (3) Lycoming (OSWEGO), NY - NL 43-31-20; WL 76-23-54; MOBILE: James A Fitzpatrick Nuclear Station, Indoor Use, within 2 km
- (4) Buchanan (PUTNAM), NY - NL 41-16-09; WL 73-57-03; MOBILE: Indian Point Entergy Nuclear Station, Indoor Use, within 2 km
- (5) Port Gibson (CLAIBORNE), MS - NL 32-01-19; WL 91-03-01; MOBILE: Grand Gulf Nuclear Station, Indoor Use, within 2 km
- (6) Russellville (POPE), AR - NL 35-19-04; WL 93-13-23; MOBILE: Arkansas Nuclear One Nuclear Station, Indoor Use, within 2 km
- (7) Plymouth (PLYMOUTH), MA - NL 41-56-47; WL 70-35-01; MOBILE: Entergy Pilgrim Nuclear Station, Indoor Use, within 2 km
- (8) Taft, LA - NL 29-59-50; WL 90-28-36; MOBILE: Waterford Nuclear Station, Indoor Use, within 2 km
- (9) St. Francisville (WEST FELICIANA), LA - NL 30-45-25; WL 91-19-57; MOBILE: Riverbend Nuclear Station, Indoor Use, within 2 km

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Covert (VAN BUREN), MI - NL 42-19-21; WL 86-18-51; MOBILE: Entergy Palisades Nuclear Station, Indoor Use, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Vernon (WINDHAM), VT - NL 42-46-51; WL 72-30-53; MOBILE: Entergy Nuclear Vermont Yankee Nuclear Station, Indoor U:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Frequency Information

Lycoming (OSWEGO), NY - NL 43-31-20; WL 76-23-54; MOBILE: James A Fitzpatrick Nuclear Station, Indoor Use, within 2 l

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Buchanan (PUTNAM), NY - NL 41-16-09; WL 73-57-03; MOBILE: Indian Point Entergy Nuclear Station, Indoor Use, within 2 l

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Frequency Information

Port Gibson (CLAIBORNE), MS - NL 32-01-19; WL 91-03-01; MOBILE: Grand Gulf Nuclear Station, Indoor Use, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Russellville (POPE), AR - NL 35-19-04; WL 93-13-23; MOBILE: Arkansas Nuclear One Nuclear Station, Indoor Use, within 2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Frequency Information

Plymouth (PLYMOUTH), MA - NL 41-56-47; WL 70-35-01; MOBILE: Entergy Pilgrim Nuclear Station, Indoor Use, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Taft, LA - NL 29-59-50; WL 90-28-36; MOBILE: Waterford Nuclear Station, Indoor Use, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Frequency Information

St. Francisville (WEST FELICIANA), LA - NL 30-45-25; WL 91-19-57; MOBILE: Riverbend Nuclear Station, Indoor Use, withir

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E 180KF3E 190KF1E 190KGXE 200KF3E 74K0F3E 90K0F3E	125 mW (ERP)	
614-806 MHz	MO	190KGXE 200KF3E 91K0F3E	125 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) 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 # 0406-EX-PL-2007) entitled "NEI SBE Signature Agreement."