

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

EXPERIMENTAL

(Nature of Service)

WE2XHS

(Call Sign)

XD MO

(Class of Station)

0335-EX-PL-2007

(File Number)

NAME Ameren Services Co., as agent for Union Electric Co. d/b/a AmerenUE

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: Callaway Nuclear Plant, Fulton (CALLAWAY), MO, primarily indoor use, within 1 km, centered around NL 38-45-41; WL 91-46-56

Frequency Information

MOBILE: Callaway Nuclear Plant, Fulton (CALLAWAY), MO, primarily indoor use, within 1 km, centered around NL 38-45-41; WL 91-46-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-157.0375 MHz	MO	80K0F3E	0.05 W (ERP)	
150.8-157.0375 MHz	MO	20K0F3E	0.05 W (ERP)	
169.505 MHz	MO	70K0F3E	0.05 W (ERP)	
169.505 MHz	MO	36K0F3E	0.05 W (ERP)	

This authorization effective October 01, 2007 and
will expire 3:00 A.M. EST February 18, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
170.245 MHz	MO	70K0F3E	0.05 W (ERP)	
170.245 MHz	MO	36K0F3E	0.05 W (ERP)	
171.045 MHz	MO	70K0F3E	0.05 W (ERP)	
171.045 MHz	MO	36K0F3E	0.05 W (ERP)	
171.905 MHz	MO	70K0F3E	0.05 W (ERP)	
171.905 MHz	MO	36K0F3E	0.05 W (ERP)	
174-216 MHz	MO	84K0F3E	0.05 W (ERP)	
174-216 MHz	MO	84K0F3E	0.05 W (ERP)	
174-216 MHz	MO	20K0F3E	0.05 W (ERP)	
174-216 MHz	MO	44K0F3E	0.05 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	74K0F3E	0.05 W (ERP)	
518-608 MHz	MO	90K0F3E	0.1 W (ERP)	
518-608 MHz	MO	160KF3E	0.1 W (ERP)	
614-746 MHz	MO	74K0F3E	0.05 W (ERP)	
614-746 MHz	MO	91K0F3E	0.05 W (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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (3) Operation is NOT permitted on the distress and calling frequency 156.8 MHz. Guard bands of 156.7625-156.7875 MHz and 156.8125-156.8375 MHz must be maintained.
- (4) Radios are not to go beyond the nuclear power plant property.