

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

EXPERIMENTAL
(Nature of Service)

XD MO
(Class of Station)

WE2XIR
(Call Sign)

0445-EX-PL-2007
(File Number)

NAME Exelon Generation Company, LLC

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: Dresden Nuclear Station, Morris, IL, within 0.8 km, centered around NL 41-23-24; WL 88-16-06
- (2) MOBILE: Braidwood Nuclear Station, Braceville, IL, within 0.8 km, centered around NL 41-14-38; WL 88-13-42
- (3) MOBILE: Quad Cities Nuclear Station, Cordova, IL, within 0.8 km, centered around NL 41-43-43; WL 90-17-57
- (4) MOBILE: LaSalle Nuclear Station, Marseilles, IL, within 0.8 km, centered around NL 41-14-44; WL 88-40-06
- (5) MOBILE: Peach Bottom Nuclear Station, Delta, PA, within 0.8 km, centered around NL 39-45-31; WL 76-51-52
- (6) MOBILE: Limerick Nuclear Station, Pottstown, PA, within 0.8 km, centered around NL 40-13-26; WL 75-35-16
- (7) MOBILE: Byron Nuclear Station, Byron, IL, within 0.8 km, centered around NL 42-04-29; WL 89-16-55

Frequency Information

MOBILE: Dresden Nuclear Station, Morris, IL, within 0.8 km, centered around NL 41-23-24; WL 88-16-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	

This authorization effective September 13, 2007 and
will expire 3:00 A.M. EST February 17, 2009

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Frequency Information

MOBILE: Dresden Nuclear Station, Morris, IL, within 0.8 km, centered around NL 41-23-24; WL 88-16-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: Braidwood Nuclear Station, Braceville, IL, within 0.8 km, centered around NL 41-14-38; WL 88-13-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: Quad Cities Nuclear Station, Cordova, IL, within 0.8 km, centered around NL 41-43-43; WL 90-17-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: LaSalle Nuclear Station, Marseilles, IL, within 0.8 km, centered around NL 41-14-44; WL 88-40-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	

Frequency Information

MOBILE: LaSalle Nuclear Station, Marseilles, IL, within 0.8 km, centered around NL 41-14-44; WL 88-40-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: Peach Bottom Nuclear Station, Delta, PA, within 0.8 km, centered around NL 39-45-31; WL 76-51-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: Limerick Nuclear Station, Pottstown, PA, within 0.8 km, centered around NL 40-13-26; WL 75-35-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	
614-740 MHz	MO	91K0F3E	125 mW (ERP)	

MOBILE: Byron Nuclear Station, Byron, IL, within 0.8 km, centered around NL 42-04-29; WL 89-16-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	MO	160KF3E	125 mW (ERP)	

Frequency Information

MOBILE: Byron Nuclear Station, Byron, IL, within 0.8 km, centered around NL 42-04-29; WL 89-16-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-740 MHz	MO	91K0F3E	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) 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 application File # 0406-EX-PL-2007) entitled "NEI SBE Signature Agreement."
- (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.