

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

EXPERIMENTAL
(Nature of Service)

WE2XMX
(Call Sign)

XD MO
(Class of Station)

0682-EX-PL-2007
(File Number)

NAME Pacific Gas and Electric Company

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: Diablo Canyon Nuclear Power Plant, Avila Beach, CA, primarily indoor use, within 2 km, centered around NL 35-12-42; WL 120-51-20

Frequency Information

MOBILE: Diablo Canyon Nuclear Power Plant, Avila Beach, CA, primarily indoor use, within 2 km, centered around NL 35-12-42; WL 120-51-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
174-216 MHz	FX	200KF3E	50 mW (ERP)	
174-216 MHz	FX	20K0F3E	100 mW (ERP)	
174-216 MHz	MO	200KF3E	50 mW (ERP)	
174-216 MHz	MO	20K0F3E	50 mW (ERP)	

This authorization effective December 13, 2007 and
will expire 3:00 A.M. EST February 18, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Diablo Canyon Nuclear Power Plant, Avila Beach, CA, primarily indoor use, within 2 km, centered around NL 35-12-42; WL 120-51-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	FX	200KF3E	200 mW (ERP)	
470-608 MHz	MO	200KF3E	50 mW (ERP)	
520-608 MHz	FX	200KF3E	80 mW (ERP)	
520-608 MHz	MO	200KF3E	80 mW (ERP)	
614-740 MHz	FX	200KF3E	80 mW (ERP)	
614-740 MHz	FX	200KF3E	200 mW (ERP)	
614-740 MHz	MO	200KF3E	80 mW (ERP)	
614-740 MHz	MO	200KF3E	50 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) 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) Radios are not to go beyond the nuclear power plant property.