United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

EL SEMBRADOR MINISTRIES
POST OFFICE BOX 471
SAN FERNANDO CA 91341

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 29, 2007

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Facility Id: 35069

Call Sign: KMES

Permit File Number: BP-20061130ATH

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:45 AM	5:30 PM	Jul.	5:15 AM	8:00 PM
Feb.	7:30 AM	6:00 PM	Aug.	5:30 AM	7:30 PM
Mar.	6:45 AM	6:30 PM	Sep.	6:00 AM	6:45 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:45 AM	5:45 PM
May	5:15 AM	7:45 PM	Nov.	7:15 AM	5:15 PM
Jun.	5:00 AM	8:00 PM	Dec.	7:45 AM	5:00 PM

Callsign: KMES Permit No.: BP-20061130ATH

Name of Permittee: EL SEMBRADOR MINISTRIES

Station Location: OGDEN, UT

Frequency (kHz): 1430

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	41	Deg	02	Min	49 Sec
Longitude:	W	112	Deg	01	Min	37 Sec

		Night				
Latitude:	N	41	Deg	02	Min	49 Sec
Longitude:	W	112	Deg	01	Min	37 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 16.0 Night: 5.0

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1235889	
2	1235890	
3	1235891	
4	1235892	

Night:

Tower No.	ASRN	Overall Height (m)
1	1235889	
2	1235890	
3	1235891	
4	1235892	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1442.9 Night: 738.57

Standard RMS (mV/m/km): Day: 1515.63 Night: 775.98

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5170	-33.700	0.0000	0.000	0	148.5
2	1.0000	0.000	78.4000	240.400	0	186.4
3	0.8820	26.700	235.5000	270.700	0	150.7
4	0.3290	174.600	218.3000	310.100	0	152.6

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	148.5
2	0.9120	96.200	78.4000	240.400	0	186.4
3	0.8280	63.200	235.5000	270.700	0	150.7
4	0.5400	32.300	218.3000	310.100	0	152.6

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Inverse Distance Field Strength:
The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:	
76.5	673.9	mV/m
237.5	255.6	mV/m
316	758.3	mV/m

Special operating conditions or restrictions:

1 A complete nondirectional proof of performance, in addition to a complete proof on the day directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.

2 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.

*** END OF AUTHORIZATION ***