United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CATHOLIC RADIO NETWORK, INC.
1400 NE 42ND TERRACE
KANSAS CITY MO 64116

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: November 06, 2008

The authority granted herein has no effect on the expiration date of the underlying construction permit.

Facility Id: 25185

Call Sign: KCRN

Permit File Number: BMP-20080613ACF

This permit modifies permit no.: BP-20050124AKA

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: Daytime with Secondary nighttime

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

Jan.	7:15 AM	5:00 PM	Jul.	4:45 AM	7:15 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:15 AM	6:45 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:45 AM	7:00 PM	Nov.	6:30 AM	4:45 PM
Jun.	4:30 AM	7:15 PM	Dec.	7:00 AM	4:30 PM

Name of Permittee: CATHOLIC RADIO NETWORK, INC.

Station Location: BLACK FOREST, CO

Frequency (kHz): 1120

Station Class: D

Antenna Coordinates:

		Day				
Latitude:	N	38	Deg	50	Min	21 Sec
Longitude:	W	103	Deg	51	Min	28 Sec

		Night				
Latitude:	N	38	Deg	50	Min	21 Sec
Longitude:	W	103	Deg	51	Min	28 Sec

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

Nominal Power (kW): Day: 17.5 Night: 0.003

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	60
2	None	60
3	None	60

Night:

Tower No.	ASRN	
1	None	60
2	None	60
3	None	60

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1346.49 Night: 17.63

Standard RMS (mV/m/km): Day: 1414.97 Night: 21.28

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	0.7440	-166.100	0.0000	0.000	0	79.9
2	1.0000	0.000	86.8000	90.100	0	79.9
3	0.7620	129.400	176.9000	86.300	0	79.9

* 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	0.7440	-166.100	0.0000	0.000	0	79.9
2	1.0000	0.000	86.8000	90.100	0	79.9
3	0.7620	129.400	176.9000	86.300	0	79.9

* 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:	
62.5	373.6	mV/m
99	472.2	mV/m
189.5	671.4	mV/m
345	380	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.

3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.

4 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

*** END OF AUTHORIZATION ***