



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

ST. PETER THE ROCK MEDIA
145 KEN MAR INDUSTRIAL PARKWAY
BROADVIEW HEIGHTS OH 44147

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: July 06, 1998

Facility Id: 17015

Call Sign: WCCR

This license expires 3:00 a.m.
local time, October 01, 2004.

License File Number: BL-19970923KB

This license covers Permit No.: 940208AA

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

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

Jan.	jan_sunrise	jan_sunset	Jul.	jul_sunrise	jul_sunset
Feb.	feb_sunrise	feb_sunset	Aug.	aug_sunrise	aug_sunset
Mar.	mar_sunrise	mar_sunset	Sep.	sep_sunrise	sep_sunset
Apr.	apr_sunrise	apr_sunset	Oct.	oct_sunrise	oct_sunset
May	may_sunrise	may_sunset	Nov.	nov_sunrise	nov_sunset
Jun.	jun_sunrise	jun_sunset	Dec.	dec_sunrise	dec_sunset

Callsign: WCCR

License No.: BL-19970923KB

Name of Licensee: ST. PETER THE ROCK MEDIA

Station Location: CLEVELAND, OH

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

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

Nominal Power (kW): Night: 5.0

Antenna Input Power (kW): Night: 5.4

Antenna Mode: Night: DA

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

Current (amperes): Night: 10.4

Resistance (ohms): Night: 50

Antenna Registration Number(s):

Night:

Tower No.	ASRN	Overall Height (m)
1	1035475	
2	1035476	
3	1035477	
4	1035478	
5	1035479	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 807.89

Standard RMS (mV/m/km): Night:

Augmented RMS (mV/m/km):

Q Factor: Night: 27.69

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3010	-59.400	0.0000	0.000	0	90.0
2	0.7760	152.700	120.0000	356.000	1	90.0
3	1.0000	0.000	120.0000	356.000	1	90.0
4	0.7760	-152.700	120.0000	356.000	1	90.0
5	0.3010	59.500	120.0000	356.000	1	90.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	64.0	24.0	96.56
2	76.0	24.0	144.84
3	116.0	20.0	49.08
4	126.0	20.0	57.94
5	136.0	20.0	67.59
6	225.0	68.0	90.12
7	259.0	54.0	41.84
8	286.0	54.0	162.17

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-74	
2	156	
3	0	
4	-164	
5	77	

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
76	2.61	
116	3.57	
136	2.9	
176	2.57	
259	6.23	
286	4.62	

*** END OF AUTHORIZATION ***