



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

PENTECOSTAL TEMPLE DEVELOPMENT CORPORATION
6300 EAST LIBERTY BLVD
PITTSBURGH PA 15206

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 59695

Call Sign: WGBN

Permit File Number: BP-20180123AAG

Grant Date: **MAY 4 2018**
This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

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

Callsign: WGBN

Permit No.: BP-20180123AAG

Name of Permittee: PENTECOSTAL TEMPLE DEVELOPMENT CORPORATION

Station Location: MCKEESPORT, PA

Frequency (kHz): 1360

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 18 Min 41 Sec

Longitude: W 79 Deg 50 Min 59 Sec

Night

Latitude: N 40 Deg 18 Min 41 Sec

Longitude: W 79 Deg 50 Min 59 Sec

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

Nominal Power (kW): Day: 1.0 Night: 1.0

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
4	1026651	

Night:

Tower No.	ASRN	Overall Height (m)
1	1026648	
2	1026649	
3	1026650	
4	1026651	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 300.95
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 316.18
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.8500	25.000	0.0000	0.000	0	99.6
2	1.0000	0.000	210.0000	85.800	0	99.6
3	0.8000	244.000	90.0000	355.800	0	99.6
4	0.7500	217.000	228.5000	62.600	0	99.6

* 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	65.0	12.0	44.26
2	72.5	13.0	45.06
3	79.0	12.0	54.72
4	85.0	10.0	62.76
5	90.0	10.0	63.57
6	95.0	10.0	61.16
7	105.0	12.0	52.30
8	105.0	10.0	53.11
9	111.0	12.0	56.33
10	215.0	12.0	54.72
11	215.0	10.0	55.52
12	223.0	16.0	57.94
13	240.0	16.0	54.72
14	248.0	14.0	45.06
15	255.0	12.0	40.23
16	255.0	10.0	46.67
17	307.0	45.0	43.45
18	307.0	10.0	48.28
19	330.0	46.0	426.48

Non-Directional Antenna: Day

Radiator Height: 61 meters; 99.6 deg

Theoretical Efficiency: 311.9 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 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.
- 2 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.
- 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 Ground system consists of 250 equally spaced, buried, copper radials about the base of each tower 76.2 meters in length, plus a 12.2 m by 12.2 m copper ground screen about the base of each tower.
- 5 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***