



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

Authorizing Official:

Official Mailing Address:

Twin City Broadcasting Company, LLC
704 N. Trade St.
WINSTON-SALEM NC 27101

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 03, 1999

Facility Id: 67831

Call Sign: WWBG

Permit File Number: BMP-19990721AA

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

This Permit Modifies Permit No.: 870922AA

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.	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

Name of Permittee: Twin City Broadcasting Company, LLC

Station Location: GREENSBORO, NC

Frequency (kHz): 1470

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 Mode: Night: DA

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

Antenna Registration Number(s):

Night:

Tower No.	ASRN	Overall Height (m)
1	1006660	
2	1006661	
3	1006664	
4	1006662	
5	1006663	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 781.72

Standard RMS (mV/m/km): Night: 821.31

Augmented RMS (mV/m/km):

Q Factor: Night: 27.36

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4720	-136.700	0.0000	0.000	0	107.7
2	1.0000	0.000	100.2000	297.000	0	107.7
3	0.2280	239.400	145.3000	166.000	1	107.7
4	0.6620	150.100	200.4000	297.000	0	107.7
5	0.2130	-56.900	300.6000	297.000	0	107.7

* 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:

Night:

Azimuth:	Radiation:
23.5	6.52 mV/m
281.5	5.29 mV/m

Special operating conditions or restrictions:

- 1 The license application to cover this authorization may refer to and rely upon the technical data contained in the engineering report filed BL-19990721AB to establish that the array is adjusted to within the pattern authorized herein.

Special operating conditions or restrictions:

- 2 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WWBG and WCOG, and there shall be filed with the license application copies of a firm agreement entered into by the two (2) stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations WWBG and WCOG shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.

*** END OF AUTHORIZATION ***