



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

DICKEY BROADCASTING COMPANY
 780 JOHNSON FERRY ROAD NE
 5TH FLOOR
 ATLANTA GA 30342

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 56389

Call Sign: WCNN

License File Number: BL-19990318DC

Grant Date: May 12, 1999

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

This license covers Permit No.: 990318AA

This authorization re-issued to correct the main studio location, nighttime operation parameters and monitoring point. 06/08/1999 HKC.

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.	7:45 AM	5:45 PM	Jul.	5:30 AM	7:45 PM
Feb.	7:30 AM	6:15 PM	Aug.	6:00 AM	7:30 PM
Mar.	6:45 AM	6:45 PM	Sep.	6:15 AM	6:45 PM
Apr.	6:00 AM	7:15 PM	Oct.	6:45 AM	6:00 PM

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May	5:30 AM	7:30 PM	Nov.	7:15 AM	5:30 PM
Jun.	5:30 AM	7:45 PM	Dec.	7:30 AM	5:30 PM

Name of Licensee: DICKEY BROADCASTING COMPANY

Station Location: NORTH ATLANTA, GA

Frequency (kHz): 680

Station Class: B

Antenna Coordinates:

Night

Latitude: N 33 Deg 57 Min 42 Sec

Longitude: W 84 Deg 15 Min 48 Sec

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

Nominal Power (kW): Night: 10.0

Antenna Input Power (kW): Night: 10.5

Antenna Mode: Night: DA

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

Current (amperes): Night: 14.5

Resistance (ohms): Night: 50

Antenna Registration Number(s):

Night:

Tower No.	ASRN	Overall Height (m)
1	1019751	
2	1019750	
3	1019749	
4	1019748	
5	1019747	
6	1019746	
7	1019745	
8	1019752	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 930.68

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 977.99

Q Factor: Night:

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	79.4
2	1.6500	80.660	168.0000	336.000	0	79.4
3	1.1880	187.110	336.0000	336.000	0	79.4
4	0.7350	300.000	504.0000	336.000	0	79.4
5	1.0000	104.000	80.0000	70.000	0	79.4
6	1.6500	184.660	180.9700	2.170	0	79.4
7	1.1880	291.110	339.9200	349.580	0	79.4
8	0.7350	44.000	504.7700	345.100	0	79.4

* 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	32.0	30.0	51.50
2	51.5	19.5	51.60
3	306.5	14.5	132.00

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-80.7	
2	0	
3	105.9	
4	-148.1	
5	21	
6	103	
7	-146.1	
8	-39.7	

Type of Precision Antenna Monitor:

Night

Twr. No. Sample Current Deviation Attenuator Values
%

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

Operating Variations:

Phase Indications shall not deviate more than $[\pm 0.6]$ degrees from the above values.

Base current ratios shall not deviate more than $[\pm 5]$ percent from the above values.

Sample current ratios shall not deviate more than $[\pm 1]$ percent from the above values.

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
6	3.53	
16.5	6.62	
32	3.47	
51.5	3.9	
78.5	3.32	
88	3.3	
280	3.07	
292	3.1	
306.5	3.78	

*** END OF AUTHORIZATION ***