



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EVANSTON BROADCASTING LLC
 POLLACK COMPANIES
 5500 POPLAR AVE., #1
 MEMPHIS TN 38119

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 35447

Call Sign: WCGO

License File Number: BL-20131113BUZ

Grant Date: January 15, 2014

This license expires 3:00 a.m.
 local time, December 01, 2020.

This license covers permit no.: BMP-20130305AAU

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

Callsign: WCGO

License No.: BL-20131113BUZ

Name of Licensee: EVANSTON BROADCASTING LLC

Station Location: EVANSTON, IL

Frequency (kHz): 1590

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 01 Min 18 Sec

Longitude: W 87 Deg 42 Min 41 Sec

Night

Latitude: N 42 Deg 01 Min 18 Sec

Longitude: W 87 Deg 42 Min 41 Sec

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

Nominal Power (kW): Day: 7.2 Night: 2.5

Antenna Input Power (kW): Day: 7.2 Night: 2.7

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 13.95 Night: 7.35

Resistance (ohms): Day: 37 Night: 50

Non-Directional Antenna: Day

Radiator Height: 45.7 meters; 87.3 deg

Theoretical Efficiency: 304 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	46.6

Night:

Tower No.	ASRN	
1	None	46.6
2	None	46.6
3	None	46.6
4	None	46.6

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 484.4
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 514.5
 Q Factor: Night: 20.4

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	87.3
2	2.2986	-151.200	100.0000	15.000	0	87.3
3	2.1081	63.000	200.0000	15.000	0	87.3
4	0.9500	-97.000	300.0000	16.500	0	87.3

* 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	115.0	28.0	104.60
2	175.0	80.0	177.02
3	225.0	30.0	78.85
4	280.0	77.5	160.93

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	143	0.49
2	0	1
3	-136	0.81
4	67	0.33

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
119	4.28	8.02
161.5	6.24	7.6
195	2.61	42.3
228	5.91	8.8
278.5	4.76	14.62

Special operating conditions or restrictions:

- 1 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.

- 2 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.

- 3 Ground System consists of 120 bare copper wires equally spaced about each tower and buried six to eight inches. Wires extend 172 feet except in area of overlap between towers where they terminate on transverse strap. Wires are buried to edge of property.

- 4 MONITOR POINT DESCRIPTIONS
 - 119 ° - Point located approximately 7 feet northwest of fire hydrant located near southwest corner of the intersection of Glenwood and North Shore, 4.28 km from site, max 8.02 mV/m nighttime.

 - 161.5 ° - Point located on Lawrence Avenue, east of Lincoln Avenue, at the east entrance to a small strip mall parking area on a manhole, 6.24 km from site, max 7.6 mV/m nighttime.

 - 195 ° - Point located on southwest corner of intersection of Central Park and Arthur, 2.61 km from site, max 42.3 mV/m nighttime.

 - 228 ° - Point located in center of intersection of Ardmore and Linder, 5.91 km from site, max 8.8 mV/m nighttime.

 - 278.5 ° - Point located at 8033 Parkside Avenue on the sidewalk between the second tree from the driveway and the north edge of the house, 4.76 km from site, max 14.62 mV/m nighttime.

*** END OF AUTHORIZATION ***