



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

[Signature]
Son Nguyen
Supervisory Engineer
Audio Services Division
Mass Media Bureau

Official Mailing Address:

CLEAR CHANNEL BROADCASTING LICENSES, INC.
200 E. BASSE RD.
SAN ANTONIO TX 78209

Grant Date: **OCT 30 2000**

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

Facility Id: 63917

Call Sign: WOKY

License File Number: B2-20000615AEX

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	7:15 PM	Nov.	6:45 AM	4:30 PM
Jun.	4:15 AM	7:30 PM	Dec.	7:15 AM	4:15 PM

Name of Licensee: CLEAR CHANNEL BROADCASTING LICENSES, INC.

Station Location: MILWAUKEE, WI

Frequency (kHz): 920

Station Class:

Antenna Coordinates:

Day

Latitude: N 42 Deg 58 Min 32 Sec

Longitude: W 88 Deg 3 Min 56 Sec

Night

Latitude: N 42 Deg 58 Min 32 Sec

Longitude: W 88 Deg 3 Min 56 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	1045572 1045570
2	1045574 OK
3	1045571 1045573
4	1045570 1045571

Night:

Tower No.	ASRN
1	1045572 1045570
2	1045573 1045574
3	1045574

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 630.86 Night: 316.4

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 664.5 Night: 333.44

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Switch *	Ref Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	80.8
2	0.4190	-176.300	200.0000	23.000	0	80.8
3	0.8900	-38.400	158.3000	8.500	0	80.8
4	0.4705	-138.000	61.3000	63.300	0	80.8

* 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	10.0	31.0	571.32
2	162.5	25.0	64.37
3	187.5	25.0	109.44
4	200.0	25.0	122.31
5	215.0	30.0	106.02
6	271.0	88.0	531.08
7	354.5	31.0	547.18

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Switch *	Ref Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	80.8
2	1.1090	-143.900	100.0000	23.000	0	80.8
3	0.4710	63.500	100.0000	23.000	1	80.8

* 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	90.0	50.0	254.28
2	115.0	40.0	120.70
3	135.0	38.0	112.65
4	154.0	22.0	80.47
5	165.0	22.0	99.78
6	203.0	74.0	206.00
7	240.0	24.0	104.61
8	252.0	24.0	80.47
9	271.0	38.0	111.04
10	290.0	38.0	119.09

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Base Current Ratio
1	-168.2	0.489	0.488
3	0	1	1
4	-25.1	0.918	0.906
5	-143.1	0.473	0.478

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Base Current Ratio
1	-154.5	0.471	0.474
2	0	1	1
3	147	0.76	0.772

Antenna Monitor: Potomac Instruments AM-19(204)
Sampling System Approved Under Section 73.68(b) of the Rules.
Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (KM)	Maximum Field Strength (mV/m)
162.5	4.02	21
187.5	3.44	30.3
215	3.57	14.4
271	4.07	113
354.5	3.51	167.5

Night Operation:

Radial (Deg. T)	Distance From Transmitter (KM)	Maximum Field Strength (mV/m)
90	4.96	49
115	4.99	10.2
165	3.99	22.7
240	5.95	13.6
271	4.07	20.5
290	4.55	19.7

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 Tower numbering:
Antenna registration & night theoretical towers #1,2, &3 correspond to physical tower SW#3, C#2 & NE#1.
Antenna registration and day theoretical towers #1,2,3 &4 correspond to physical tower SW#3, NE#1, NW#4 & SE#5.
Operating tower numbering correspond to physical tower numbering.

*** END OF AUTHORIZATION ***