

LICENSE RENEWAL AUTHORIZATION

THIS IS TO NOTIFY YOU THAT YOUR APPLICATION FOR RENEWAL OF LICENSE, BR-20120530AIH, WAS GRANTED ON 07/23/2014 FOR A TERM EXPIRING ON 10/01/2020.

THIS IS YOUR LICENSE RENEWAL AUTHORIZATION FOR STATION WKNR.

FACILITY ID: 28509

LOCATION: CLEVELAND, OH

THIS CARD MUST BE POSTED WITH THE STATION'S LICENSE CERTIFICATE AND ANY SUBSEQUENT MODIFICATIONS.

GOOD KARMA BROADCASTING, LLC
100 STODDARD STREET
BEAVER DAM, WI 53916



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

GOOD KARMA BROADCASTING, LLC
 100 STODDARD STREET
 BEAVER DAM WI 53916

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: May 27, 1999

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

Facility Id: 28509

Call Sign: WKNR

License File Number: BL-19990512DC

This authorization re-issued to reflect new day 346 deg monitor point.
 (2/8/01)

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	5:15 PM	Jul.	5:00 AM	8:00 PM
Feb.	7:30 AM	6:00 PM	Aug.	5:30 AM	7:30 PM
Mar.	6:45 AM	6:30 PM	Sep.	6:00 AM	6:45 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:45 AM	5:45 PM
May	5:15 AM	7:45 PM	Nov.	7:15 AM	5:15 PM
Jun	4:45 AM	8:00 PM	Dec	7:45 AM	5:00 PM

Call sign: WKNR

License No.: BL-19990512DC

Name of Licensee: GOOD KARMA BROADCASTING, LLC

Station Location: CLEVELAND, OH

Frequency (kHz): 850

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 19 Min 00 Sec

Longitude: W 81 Deg 43 Min 51 Sec

Night

Latitude: N 41 Deg 19 Min 00 Sec

Longitude: W 81 Deg 43 Min 51 Sec

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

Nominal Power (kW): Day: 50.0 Night: 4.7

Antenna Input Power (kW): Day: 52.65 Night: 5.4

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 32.5 Night: 10.4

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1014501	
2	1052305	
3	1014499	
4	1052303	

Night:

Tower No.	ASRN	Overall Height (m)
1	1014501	
2	1014499	
3	1014500	
4	1014502	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2032.61 Night: 611.93

Standard RMS (mV/m/km): Day: 2135.75

Augmented RMS (mV/m/km): Night: 648.01

Q Factor: Day: 76.53 Night: 21.68

Theoretical Parameters:

Day 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	80.0
2	0.8570	21.300	174.0000	83.500	0	80.0
3	0.9180	147.400	100.0000	56.000	0	80.0
4	0.6430	158.600	275.0000	72.100	0	80.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	106.000	0.0000	0.000	0	80.0
2	1.0000	0.000	100.0000	56.000	0	80.0
3	1.0000	0.000	200.0000	96.000	1	80.0
4	1.0000	106.000	200.0000	96.000	0	80.0

* 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	70.0	17.0	50.00
2	122.0	46.0	40.20
3	194.0	21.6	40.20
4	252.0	30.0	43.20
5	273.0	34.0	40.80
6	290.0	34.0	63.60
7	346.0	53.0	1200.00

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Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 147	0.86
2 0	1
3 163	0.71
4 23	0.76

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 0	1
3 101	0.98
4 94	1

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
53	4.5	45.6
78.5	6.17	106.1
121.5	3.31	109.2
265.5	3.9	223.5
346	6.04	57.6

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
78.5	6.17	25.8
99	5.06	52.3
183.2	3.47	39.9
237	3.33	22.4
252	4.8	12
273	3.75	13.9
290	3.78	16.2
308	5.42	10.1

*** END OF AUTHORIZATION ***