



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

DISRUPTOR RADIO LLC
 5302 Coleway Drive
 Holly Springs NC 27540

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 27440

Call Sign: WJFN

License File Number: BL-20060725AFI

Grant Date: January 25, 2007

This license expires 3:00 a.m.
 local time, October 01, 2011.

License to cover BP-20060725ADQ to correct coordinates, and update operating parameters.

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

Name of Licensee: DISRUPTOR RADIO LLC

Station Location: CHESTER, VA

Frequency (kHz): 820

Station Class: B

Antenna Coordinates:

Day

Latitude: N 37 Deg 22 Min 54 Sec

Longitude: W 77 Deg 25 Min 40 Sec

Night

Latitude: N 37 Deg 22 Min 54 Sec

Longitude: W 77 Deg 25 Min 40 Sec

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

Nominal Power (kW): Day: 10.0 Night: 1.0

Antenna Input Power (kW): Day: 10.53 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.51 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1040997	
2	1040996	
3	1040995	

Night:

Tower No.	ASRN	Overall Height (m)
1	1040997	
2	1040996	
3	1040995	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1018.5 Night: 328.4
 Standard RMS (mV/m/km): Day: 1070.2 Night: 345.01
 Augmented RMS (mV/m/km):
 Q Factor: Day: 38.9 Night: 11.09

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	111.0
2	2.7620	161.100	73.0000	289.000	0	90.0
3	3.0640	-59.500	158.5000	297.000	0	90.0

* 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	0.000	0.0000	0.000	0	111.0
2	1.6570	125.500	73.0000	289.000	0	90.0
3	0.7570	-105.000	158.5000	297.000	0	90.0

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	24.5	0.205
2	-141	0.93
3	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-108.5	0.23
2	0	1
3	118	0.44

Antenna Monitor: POTOMAC INSTRUMENTS AM19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

19.5° - From intersection of Jefferson Davis Highway and Bellwood Road, proceed northeast on Bellwood for distance of 2.13 kilometers to point located at entrance to James River Plant of EI Dupont Denemours and Company on north edge of pavement, 4.1 km from site, max 56.0 mV/m daytime.

261.5° - From intersection of Old Centraila Road and Chalkley Road, proceed 0.16 km to point located in a cleared filed 30 meters due east of Chalkey Road, 3.2 km from site, max 70.0 mV/m daytime.

348° - Point located on western-most edge of traffic island, west of the intersection of Bellwood Road and Jefferson Davis highway, 2.92 km from site, max 109.0 mV/m daytime.

231.5° - From intersection of West Hundred Road and Ecoff Avenue, proceed northwest on Ecoff Avenue for 1.2 kilometers to County Park, then north into park entrance for 61 meters to point, located in center of driveway, 4.1 km from site, max 3.7 mV/m nighttime.

247.5° - From intersection of West Hundred Road and Route 144, proceed north onto Route 144 for 2.2 kilometers to point located 15 meters north of the Hamlin Creek Bridge, on east shoulder of pavement, 2.29 km from site, max 10.5 mV/m nighttime.

270° - Point located 30 meters due west of intersection of Hopkins Drive and Jaymont Drive, on north edge of pavement of Jaymont Drive, 3.0 km from site, max 2.4 mV/m nighttime.

*** END OF AUTHORIZATION ***