



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WURD RADIO, LLC
200 HIGHPOINT DR., #215
CHALFONT PA 18914

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 52442

Call Sign: WURD

License File Number: BL-20041122AJS

Grant Date: March 01, 2005

This license expires 3:00 a.m.
local time, August 01, 2006.

This license covers permit no.: BP-20040109ACZ

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: Daytime with Secondary nighttime

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

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

Callsign: WURD

License No.: BL-20041122AJS

Name of Licensee: WURD RADIO, LLC

Station Location: PHILADELPHIA, PA

Frequency (kHz): 900

Station Class: D

Antenna Coordinates:

Day

Latitude: N 39 Deg 55 Min 02 Sec

Longitude: W 75 Deg 13 Min 18 Sec

Night

Latitude: N 39 Deg 55 Min 02 Sec

Longitude: W 75 Deg 13 Min 18 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.105

Antenna Input Power (kW): Day: 1.08 Night: 0.113

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 4.65 Night: 1.51

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1037801	
2	1037802	

Night:

Tower No.	ASRN	Overall Height (m)
1	1037801	
2	1037802	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 289.68 Night: 96.4
 Standard RMS (mV/m/km): Night: 101.8
 Augmented RMS (mV/m/km): Day: 307.51
 Q Factor: Day: Night:

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	79.0
2	0.9200	-92.000	90.0000	0.000	0	79.0

* 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	0.0	100.0	449.00
2	150.0	10.0	48.30
3	165.0	30.0	24.10
4	195.0	30.0	23.30
5	210.0	10.0	48.30

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	79.0
2	1.0000	4.100	90.0000	0.000	0	79.0

* 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	0	1
2	89.5	1.086

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 -3	0.97

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(210)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
150	5.62	9.9
180	9.13	6.6
210	4.18	21.9

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
0	1.53	48.4
180	9.13	9.62

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 Location of Monitoring Points:

Direction of 0 degrees true North. The point is located at the north side of Grays Avenue at the church parking lot entrance nearest the intersection with 57th Street at the left-hand post looking from the street toward the lot. Coordinates (NAD 27): N.L. 39 degrees 55'52.2" W.L. 75 degrees 13' 17.4".

Direction of 180 degrees true North. The point is located on the southbound side of Route 44, diagonally opposite the entrance to the White Swan housing complex, on an unpaved trail in the wooded area adjacent to an open field, 300 feet behind the gate

Direction of 150 degrees true North. The point is located at the edge of the Delaware River by a very large log which lies parallel to the river 150 yards south of the end of Beach Hill Road.

Direction of 210 degrees true North. The point is located at tree in center island at edge of driveway after curve, driveway is Truck Entrance to PNC Building, 1.93 km from intersection of Bartram Avenue at Essington Avenue.

Special operating conditions or restrictions:

- 3 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower 106.7 m in length except where terminated by property boundaries or where intersecting radials are shortened and bonded, plus 120 interspersed radials 15.2 m in length about the base of each tower.

*** END OF AUTHORIZATION ***