

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> STREET SW**  
**WASHINGTON DC 20554**

MEDIA BUREAU  
AUDIO DIVISION  
TECHNICAL PROCESSING GROUP  
APPLICATION STATUS: (202) 418-2795  
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Stephen G. Davis  
2625 South Memorial Drive  
Suite A  
Tulsa, Oklahoma 74129

**JUL 14 2009**

In re: Clear Channel Broadcasting Licenses, Inc. ("Clear Channel")  
WFLF(AM), Pine Hills, Florida  
Facility ID Number: 51970  
BP-20051101ABN  
BMP-20090618AAA  
BL-200900619ADT (License Application)  
Program Test Authority

Dear Mr. Davis:

This is in reference to the above captioned license application and request for program test authority for station WFLF(AM), Pine Hills, Florida.

Authority is granted WFLF(AM) to conduct daytime and nighttime limited program tests in accordance with Construction Permit BP-20051101ABN and Section 73.1620 of the Commission's rules on 540 kHz with nominal power of 50.0 kilowatts daytime and 46.0 kilowatts nighttime. Program tests are authorized with a restricted daytime input power of 46.0 kilowatts (common point current of 30.33 amperes) due to excessive radiation on the 10° radial and a restricted nighttime antenna input power of 12.46 kilowatts (common point current of 15.79 amperes) due to excessive radiation on the 261.5° and 284.5° radials.<sup>1</sup>

Program tests must be conducted with the directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found with the enclosed specifications.

Examination of the application reveals that some of the modified standard DA-Night values in Figure 2 are not correct. Specifically, the 10° radial indicated as 496 mV/m, the 80° radial indicated as 5227 mV/m, the 217° radial indicated as 80.4 mV/m, and the 335° radial indicated as 238 mV/m, while the correct values should be 456.2 mV/m, 5230 mV/m, 76.9 mV/m, and 424 mV/m respectively. In addition, the augmentation application, BMP-20090618AAA, requests augmentation only on the 123.5° radial of the daytime pattern. However, staff analysis

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<sup>1</sup> The applicant acknowledges this and has filed an application (File No. BMP-20090618AAA) to augment the daytime pattern.

of the measurement data indicates excessive radiation on the 10° radial of the daytime pattern and on the 261.5° and 284.5° radials of the nighttime pattern.

Further action on the above applications will be withheld for a period of thirty 30 days from the date of this letter to provide an opportunity to file a corrective amendments. Failure to respond within this time period will result in the dismissal of the application pursuant to 47 C.F.R. § 73.3568.

This authority expires on **October 13, 2009**.

Sincerely,

*for.*   
Son K. Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

cc: du Treil, Lundin & Rackley, Inc.

Name of Licensee: CLEAR CHANNEL BROADCASTING LICENSES, INC.

Station Location: PINE HILLS, FL

Frequency (kHz): 540

Station Class: B

Antenna Coordinates:

Day

Latitude: N 28 Deg 28 Min 53 Sec

Longitude: W 81 Deg 39 Min 43 Sec

Night

Latitude: N 28 Deg 28 Min 53 Sec

Longitude: W 81 Deg 39 Min 43 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: 46.0

Antenna Input Power (kW): Day: 46.0 Night: 12.5

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 30.33 Night: 15.79

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1039275	
2	1039276	
3	1039277	
4	1039278	
5	1039279	
6	1039280	

Night:

Tower No.	ASRN	Overall Height (m)
1	1039276	
2	1039277	
3	1039278	
4	1039279	
5	1039280	
6	1235209	

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2041 Night: 1915

Standard RMS (mV/m/km): Day: 2144 Night: 2012

Augmented RMS (mV/m/km):

Q Factor: Day: 70.71 Night: 72.04

## Theoretical Parameters:

## Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3390	73.200	0.0000	0.000	0	71.1
2	0.4640	62.900	159.6000	348.700	0	TL/S
3	0.6570	61.100	322.8000	347.400	0	71.1
4	0.1100	27.600	70.8000	150.500	0	71.1
5	0.2550	-7.600	99.5000	12.400	0	71.1
6	1.0000	0.000	260.2000	355.400	0	71.1

## \* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

## Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
2	72.7	24.20	.00	.00

## 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	159.6000	348.700	0	TL/S
2	0.2130	20.800	322.8000	347.400	0	71.1
3	0.5180	-84.200	70.8000	150.500	0	71.1
4	0.8880	-130.000	99.5000	12.400	0	71.1
5	0.5250	-136.100	260.2000	355.400	0	71.1
6	0.6640	0.300	63.9000	251.900	0	71.1

## \* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

## Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	72.7	24.20	.00	.00

## Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 74.1	0.34
2 63.6	0.376
3 62.1	0.656
4 27.7	0.11
5 -6.8	0.251
6 0	1

## Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 129.7	0.821
2 148.1	0.239
3 51.8	0.486
4 0	1
5 -4.8	0.595
6 131.3	0.725

Antenna Monitor: POTOMAC INSTRUMENTS MODEL AM-1901

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)
123.5	8.13	173
222.5	3.87	282
325	5.88	104

## Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
164	5.17	4.18
217	3.56	7.8
261.5	2.85	39
284.5	6.5	8.9
335	5.33	12.27

\*\*\* END OF AUTHORIZATION \*\*\*