FEDERAL COMMUNICATIONS COMMISSION
445 TWELFTH STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

ENGINEER: JOSEPH SZCZESNY
TELEPHONE: (202) 418-2700
FACSIMILE: (202) 418-1410
E-MAIL: joseph.szczesny@fcc.gov

July 18, 2013

Troy Langham
2625 S. Memorial Drive, Suite A
TULSA, OK 74129

In re: WDAE(AM), St. Petersburg, FL
Facility Identification Number: 74198
Clear Channel Broadcasting Licenses, Inc. (CCBL)
Special Temporary Authority (STA)
BESTA- 20130626AAH

Dear Mr. Langham:

This is in reference to the request filed on June 26, 2013. CCBL requests further extension of the STA originally granted June 3, 1983, for operation with parameters at variance to counteract the effects of Cuban interference. In support of the request, CCBL states that the interference continues.

Accordingly, the request for extension of STA IS HEREBY GRANTED. Station WDAE may operate with increased power, non-directionally during daytime hours and according to the attached directional antenna specifications during nighttime hours, to mitigate the effects of Cuban interference. Nominal operating power shall not exceed 11.2 kW day and 11.0 kW night; antenna input power shall not exceed 11.2 kW day and 11.6 kW night. This authority is subject to termination upon reduction of power or cessation of operation by the Cuban operation or upon Commission instruction to WDAE, at which time WDAE must return to licensed operating parameters. The field strength at each monitor point must be measured at least monthly to assure proper array operation. It will be necessary to reduce power if interference complaints are received.

This authority expires on **January 18, 2014.**

Sincerely,

Joseph Szczesny, Engineer
Audio Division
Media Bureau

Attachment: Directional Antenna Specifications
cc: Robert H. Walls Jr., GC, CCBL

Special Temporary Authority

Specifications For Nighttime Directional Operation of WDAE (AM), St. Petersburg, Florida

Frequency: 620 kHz **Nominal Power:** 11 kW **Antenna Input Power:** 11.6 kW

Common Point Current: 15.2 Amperes **Common Point Resistance**: 50 ohms

Transmitter site coordinates (NAD 1927): 27° 52' 37" N, 82° 35' 25" W

Description of Directional Antenna System:

Number and Type of Elements: Two (2) vertical, self-supporting, series-excited steel radiators.

Height above Insulators: 109.7 meters (81.7°)

Overall Height: 113.4 meters

Ground System: Directly underneath each tower is a 21.3 by 21.3 meter ground screen. The screens are supported above sea level at high tide and consist of 120 radial wires running from a point underneath the center of each tower structure to copper bus perimeter conductors surrounding the tower base areas. From the ground screen perimeter conductors, 24 copper pipe conductors extend vertically downward through seawater to the underwater soil level surrounding each tower. A copper strap connecting the ground screens runs in a trench between the towers.

Spacing and Orientation: With Tower #1 (NW) as a reference, Tower #2 (SE) is spaced 128° (171.9 m) on a line bearing 140°.

Theoretical RMS: 993.5 mV/m at 1 km

Augmented RMS: 1052.2 mV/m at 1 km

Q factor: 33.2 mV/m

Theoretical Parameters:

	Tower #1(NW)	Tower #2 (SE)
Field Ratio:	1.000	1.480
Phasing (degrees):	0.0	-69.0

Special Temporary Authority

Specifications For Nighttime Directional Operation of WDAE (AM), St. Petersburg, Florida

Augmentations:

No.	Azimuth	Span	Field Strength
1	20.0	24.0	631.2
2	60.0	56.0	1324.7
3	205.0	50.0	1435.4
4	252.5	19.0	833.8
5	275.0	20.0	419.5
6	287.5	20.0	331.2
7	300.0	20.0	397.4
8	310.0	20.0	436.7
9	320.0	20.0	436.7
10	334.0	28.0	351.0
11	345.0	10.0	304.6
12	355.0	18.0	309.1

Operating Parameters*

	Tower #1(NW)	Tower #2 (SE)
Phase (degrees):	0.0	-62.8
Current Ratio:	1.000	1.396

***As indicated by** Potomac Instruments AM-1901 antenna Monitor.

Antenna sampling system approved under Section 73.68 (b) of the rules.

Descriptions Of And Field Intensities At Monitor Points:

Direction of 287.5° True North: Center of driveway to 14239 Puffin Court. Distance from the transmitter site is 9.08 km. The field intensity at this point shall not exceed **55.7 mV/m.**

Direction of 355° True North: Stop sign on the northeast corner of Grand Bahama Drive and Pepperfish Bay Way. Distance from the transmitter site is 15.16 km. The field intensity at this point shall not exceed **37.9 mV/m.**