

**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/](http://www.fcc.gov/mb/audio/)

**ENGINEER:** CHARLES N. (NORM) MILLER  
**TELEPHONE:** (202) 418-2767  
**FACSIMILE:** (202) 418-1410  
**E-MAIL:** [charles.miller@fcc.gov](mailto:charles.miller@fcc.gov)

March 1, 2012

Troy G. Langham, FCC Engineering Supervisor  
Clear Channel Technical & Capital Management  
2625 South Memorial Drive, Suite A  
Tulsa, Oklahoma 74129

Re: Capstar TX LLC  
WAEB (AM), Allentown, Pennsylvania  
Facility Identification Number: 14371  
Special Temporary Authority

Dear Mr. Langham:

This is in reference to the request filed December 12, 2011, on behalf of Capstar TX LLC ("Capstar"). Capstar requests further extension of the special temporary authority ("STA") granted on May 16, 2008, to operate Station WAEB with emergency antenna facilities pursuant to Section 73.1680.<sup>1</sup> In support of the request, Capstar states that it is waiting for availability of engineering personnel to perform a proof of performance using Method of Moments ("MOM") modeling. Capstar further states that the antenna system recently has experienced component heating and failure, and that it is attempting to address this problem.

Requests for extension of STA will be granted only where the licensee can show that one or more of the following criteria have been met:

- Restoration of licensed facilities is complete and testing is underway;
- Substantial progress has been made during the most recent STA period toward restoration of licensed operation; or
- No progress has been made during the most recent STA period for reasons clearly beyond the licensee's control, and the licensee has taken all possible steps to expeditiously resolve the problem.

Our review indicates that the licensee has made progress toward restoring licensed operation but additional time is required for completion of the work. Thus, extension of STA is warranted. Based on the information provided, the STA is modified to reinstate authority for operation with a temporary nondirectional antenna and reduced power on an "as necessary" basis.

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<sup>1</sup> WAEB is licensed for operation on 790 kHz with 3.6 kilowatts daytime and 1.5 kilowatts nighttime, employing different directional antenna patterns daytime and nighttime (DA-2-U).

Accordingly, the request for extension of STA IS HEREBY GRANTED, with modification as discussed above. Station WAEB may continue to operate with parameters at variance and/or reduced power while maintaining monitor points within licensed limits. Operation with a temporary nondirectional antenna and reduced power not to exceed 0.9 kilowatt daytime and 0.38 kilowatt nighttime also is authorized, only as necessary to facilitate restoration of directional operation. Following completion of necessary repairs, measurements and readjustment of the array to MOM-derived parameters, Station WAEB may operate with its substantially adjusted daytime and nighttime patterns without regard to currently licensed monitor points. Operating parameters must be maintained within  $\pm 5\%$  current ratio and  $\pm 3^\circ$  phase of the MOM-derived parameters, which shall be posted with the station license along with a copy of this letter. It will be necessary to further reduce power or cease operation if complaints of interference are received. Capstar must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines. See 47 CFR § 1.1310.

This authority expires on **September 1, 2012**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Charles N. Miller".

Charles N. Miller, Engineer  
Audio Division  
Media Bureau

cc: Capstar TX LLC