



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

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GRAY TELEVISION LICENSEE, LLC  
4370 PEACHTREE ROAD, NE  
ATLANTA GA 30319

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 19184  
Analog TSID: 2704  
Digital TSID: 2705  
Call Sign: WMC-TV  
Permit File Number: BMPCDT-20080619AJS  
This permit modifies permit no.: BMPCDT-20080619AJS

Grant Date: October 20, 2008  
  
This permit expires 3:00 a.m.  
local time, February 17, 2009.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: GRAY TELEVISION LICENSEE, LLC

Station Location: TN-MEMPHIS

Frequency (MHz): 76 - 82

Channel: 5

Hours of Operation: Unlimited

Callsign: WMC-TV

Permit No.: BMPCDT-20080619AJS

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

Antenna type: (directional or non-directional): Non-Directional

Description: RCA, TF-6BM

Beam Tilt: 0.7 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 35 deg 10 min 09 sec

West Longitude: 89 deg 53 min 10 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 34.5 kW  
15.4 DBK

Height of radiation center above ground: 319.3 Meters

Height of radiation center above mean sea level: 394 Meters

Height of radiation center above average terrain: 308 Meters

Antenna structure registration number: 1048813

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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