



United States of America
FEDERAL COMMUNICATIONS COMMISSION
LOW POWER FM BROADCAST STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CITY OF GEORGETOWN (GEORGETOWN CITY FIRE DE
DIVISION OF TECHNICAL SERVICES
PO DRAWER 939
GEORGETOWN SC 29440

Brian J. Butler
Supervisory Engineer
Audio Services Division
Mass Media Bureau

Facility ID: 131456

Grant Date: January 28, 2002

Call Sign: WGSC-LP

This permit expires 3:00 a.m.
local time, 18 months after the
grant date specified above.

Permit File Number: BNPL-20010122ADY

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 made only 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. See Section 73.875.

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

Name of Permittee: CITY OF GEORGETOWN (GEORGETOWN CITY FIRE DEPARTMENT)

Station Location: SC-GEORGETOWN

Frequency (MHz): 105.7

Channel: 289

Class: LP100

Hours of Operation: Unlimited

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

Transmitter output power: As required to operate within authorized range of effective radiated power.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 33 deg 22 min 05 sec

West Longitude: 79 deg 17 min 07 sec

Maximum Effective radiated power in the Horizontal Plane (watts): 100

Minimum Effective radiated power in the Horizontal Plane (watts): 50

Height of radiation center above ground (Meters): 8

Height of radiation center above mean sea level (Meters): 10

Height of radiation center above average terrain (Meters): 7

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 9 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

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 Prior to construction of the tower authorized herein, permittee shall notify AM Station(s) listed below so that the station(s) may commence determining operating power by the indirect method. Permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to construction of the tower and subsequent to the installation of all appurtenance thereon, antenna impedance measurements of the AM station(s) shall be made and sufficient field strength measurements, taken at 10 locations along each of eight equally spaced radials, shall be made to establish that the AM radiation pattern is essentially omnidirectional. Prior to or simultaneous with the filing of application for license to cover this permit, the results of the field strength measurements and the impedance measurements shall be submitted to the Commission in an application for the AM station(s) to return to the direct method of power determination.
(Revised March 14, 1983)

WLMC (AM), Georgetown, South Carolina

Special operating conditions or restrictions:

- 3 Permittee may utilize a directional antenna in connection with the Travelers' Information Service authorized herein. See 47 C.F.R. Section 73.816(c).

*** END OF AUTHORIZATION ***