



United States of America

FEDERAL COMMUNICATIONS COMMISSION

DIGITAL TELEVISION REPLACEMENT TRANSLATOR

BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

WSOC TELEVISION, LLC
223 Perimeter Center Parkway NE
Atlanta GA 30346

Hossein Hashemzadeh
Associate Chief
Video Division
Media Bureau

Facility Id: 74070

Grant Date: June 16, 2010

Analog TSID: 1796

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Digital TSID: 1797

Call Sign: WSOC-TV

Permit File Number: BDRTCDT-20100526AAK

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.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

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

Name of Permittee: WSOC TELEVISION, LLC

Station Location: NC-STATESVILLE

Frequency (MHz): 662 - 668

Channel: 46

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

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

Description: ERI AL8M-PL

Major lobe directions 320
(degrees true):

Beam Tilt: 1.75 Degrees

Antenna Coordinates: North Latitude: 35 deg 48 min 15 sec

West Longitude: 80 deg 53 min 30 sec

Maximum Effective Radiated Power (ERP): 15 kW

Transmitter Output Power: 1 kW

Height of radiation center above ground: 63 Meters

Height of radiation center above mean sea level: 340.4 Meters

Antenna structure registration number: 1008244

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

Out-of-Channel Emission mask: Stringent

Special operating conditions or restrictions:

- 1 This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

- 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 appurtenances thereon, antenna impedance measurements of the AM station(s) shall be made and sufficient field strength measurements, taken at 8 locations along each of six 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)

WSIC (AM)

*** END OF AUTHORIZATION ***