



United States of America
FEDERAL COMMUNICATIONS COMMISSION
LOW POWER TELEVISION/TELEVISION TRANSLATOR
BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

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

Keith A. Larson
Chief, LPTV Branch
Video Division
Media Bureau

Facility Id: 28533

Grant Date: March 06, 1995
This permit expires 3:00 a.m.
local time, September 06, 1996.

Call Sign: K32DK-D

Permit File Number: BPTT-JF0415AE

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: GRAY TELEVISION LICENSEE, LLC

Station Location: SD-WATERTOWN

Frequency (MHz): 578 - 584

Offset: ZERO

Channel: 32

Hours of Operation: Unlimited

Permit No.: BPTT-JF0415AE

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

Major lobe directions 55
(degrees true):

Beam Tilt: Not Applicable

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 11.4 kW

Maximum ERP in any Horizontal and Vertical Angle: 11.4 kW

Height of radiation center above ground: 91 Meters

Height of radiation center above mean sea level: 628 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 124 Meters

Special operating conditions or restrictions:

- 1 During the installation of the antenna authorized herein, AM Station (s)listed below shall determine operating power by the indirect method and, if necessary, request temporary authority from the Commission in Washington to operate with parameters at variance in order to maintain monitoring point values within authorized limits. Upon completion of the installation, common point impedance measurements on the AM array shall be made and a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission (along with a tower sketch of the installation) in an application for the AM station to return to the direct method of power determination.
(Revised January 28, 1983)
KWAT, WATERTOWN, SD
- 2 The authorization of a license to operate this station is conditioned upon the use of a transmitter that has been type accepted or meets Commission type acceptance requirements at a visual carrier frequency tolerance of plus/minus 1 kHz. In the event the transmitter has not been type accepted at this tolerance, the permittee shall, in the license application, provide full engineering data that demonstrates compliance with Section 74.750 (c)(3)(iii) of the Commission's Rules.

*** END OF AUTHORIZATION ***