



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

Authorizing Official:

Official Mailing Address:

Gray Television Licensee, LLC  
4370 PEACHTREE ROAD, NE  
ATLANTA GA 30319

Hossein Hashemzadeh  
Associate Chief  
Video Division  
Media Bureau

Facility Id: 74176

Grant Date: July 22, 2009

Analog TSID: 3252

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

Digital TSID: 3253

Call Sign: WVVA

Permit File Number: BDRTCDT-20090707AEU

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: WV-BECKLEY

Frequency (MHz): 644 - 650

Channel: 43

Hours of Operation: Unlimited

Callsign: WVVA

Permit No.: BDRTCDT-20090707AEU

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

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

Description: HAR TAD-2UDA-1/1

Major lobe directions            235  
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude:    37 deg   53 min   46 sec  
   West Longitude:    80 deg   59 min   21 sec

Maximum Effective Radiated Power (ERP):            15 kW

Transmitter Output Power:                            1.29 kW

Height of radiation center above ground:            91 Meters

Height of radiation center above mean sea level: 993 Meters

Antenna structure registration number: 1035131

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

Out-of-Channel Emission mask: Simple

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