



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

Authorizing Official:

Official Mailing Address:

Gray Television Licensee, LLC
4370 Peachtree Road, NE
Atlanta GA 30319

Kevin R. Harding
Associate Chief
Video Division
Media Bureau

Facility Id: 53115
Analog TSID: 506
Digital TSID: 507
Call Sign: WFSB
Permit File Number: BXPCDT-20110817ADJ

Grant Date: May 29, 2013

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

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: CT-HARTFORD

Frequency (MHz): 584 - 590

Channel: 33

Hours of Operation: Unlimited

Callsign: WFSB

Permit No.: BXPCDT-20110817ADJ

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: DIE, TLP-16A

Beam Tilt: 1 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 41 deg 46 min 27 sec

West Longitude: 72 deg 48 min 20 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 20 kW
13 DBK

Height of radiation center above ground: 94.2 Meters

Height of radiation center above mean sea level: 310.6 Meters

Height of radiation center above average terrain: 220.6 Meters

Antenna structure registration number: 1045791

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

Special operating conditions or restrictions:

1 For emergency, maintenance and test purposes only.

*** END OF AUTHORIZATION ***