



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

Authorizing Official:

Official Mailing Address:

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CBS BROADCASTING INC.  
2020 M. St., NW - Licensing DEPT  
Washington DC 20036

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Kevin R. Harding  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 25454  
Analog TSID: 2500  
Digital TSID: 2501  
Call Sign: KDKA-TV  
Permit File Number: BXPCDT-20110308AAI

Grant Date: September 27, 2012

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: CBS BROADCASTING INC.

Station Location: PA-PITTSBURGH

Frequency (MHz): 536 - 542

Channel: 25

Hours of Operation: Unlimited

Callsign: KDKA-TV

Permit No.: BXPCDT-20110308AAI

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, TFU-16DSB-A/VP-R

Beam Tilt: 1 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 40 deg 29 min 38 sec

West Longitude: 80 deg 01 min 04 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 288 kW  
24.6 DBK

Height of radiation center above ground: 54.1 Meters

Height of radiation center above mean sea level: 453.4 Meters

Height of radiation center above average terrain: 149 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 59.44 meters.

Special operating conditions or restrictions:

1 For emergency, maintenance and test purposes only.

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