

Special Temporary Authority Statement

Reduced Power Operation

***CBS Broadcasting Inc.***

KDKA-TV Pittsburgh, Pennsylvania

Facility ID 25454

CBS Broadcasting Inc. (ViacomCBS), licensee of KDKA-TV, Pittsburgh, PA (Facility ID 25454) (the Station) is replacing the station's primary transmitter. Due to anticipated logistical challenges during construction, KDKA-TV must operate with the auxiliary antenna system that is already authorized by license BXLCDT-20141205AAF. This request for special temporary authority (STA) seeks an additional operational mode.

During most project phases, it will be possible for the Station to utilize its main antenna system with ERPs between 50% and 75% of the authorized 1,000 ERP. As shown by the contour locations in Figure 1, the increased antenna height and ERP will provide vastly improved service to the public compared to the auxiliary antenna system. Thus, ViacomCBS respectfully seeks STA to operate with those parameters during construction. Continued principal community coverage of Pittsburgh, PA will be assured during all construction phases.

It is believed that this project can be completed in 90 days or less. However, ViacomCBS intends to return KDKA-TV to full-power as soon as the project has been successfully completed.

Figure 1  
Temporary Service Contours\*

KDKA-TV(STA) Pittsburgh, PA  
Facility ID 25454  
Ch. 25 500-750 kW 311 m

KDKA-TV(Lic Aux) Facility  
BXLCDT-20141205AAF  
Ch. 25 180 kW 149 m  
41 dBμ F(50, 90) Service Contour

KDKA-TV(Lic Main) Facility  
BLCDDT-20041004ACS  
Ch. 25 1,000 kW 311 m  
41 dBμ F(50, 90) Service Contour

KDKA-TV Main Antenna  
41 dBμ F(50, 90) at 750 kW  
41 dBμ F(50, 90) at 500 kW

Site

Pittsburgh

\* Service Contours are  
Dipole Compensated

**CBS** COMMUNICATIONS  
SERVICES INC.

Scale 1:1,250,000  
0 10 20 30 km

