United States of America



FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

HEARST STATIONS INC.

C/O BROOKS, PIERCE ET AL.

P.O. BOX 1800

RALEIGH NC 27602

Facility Id: 65681 Analog TSID: 2502 Digital TSID: 2503 Call Sign: WTAE-TV

Permit File Number: BXPCDT-20100510AKR

Kevin R. Harding Associate Chief Video Division Media Bureau

Grant Date: September 05, 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: HEARST STATIONS INC.

Station Location: PA-PITTSBURGH

Frequency (MHz): 692 - 698

Channel: 51

Hours of Operation: Unlimited

Callsign: WTAE-TV Permit No.: BXPCDT-20100510AKR

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

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

Description: DIE, TLP-16I(C)

Beam Tilt: 1 Degrees Electrical

Major lobe directions 10 210

(degrees true):

Antenna Coordinates: North Latitude: 40 deg 16 min 49 sec

West Longitude: 79 deg 48 min 11 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 207 kW

23.2 DBK

Height of radiation center above ground: 265 Meters

Height of radiation center above mean sea level: 565 Meters

Height of radiation center above average terrain: 250 Meters

Antenna structure registration number: 1025144

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 ***