## **United States of America**



## FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

Madison TV License Company, LLC

1925 Century Park East

10th Floor

Los Angeles CA 90067

Facility Id: 64545 Analog TSID: 3208 Digital TSID: 3209 Call Sign: WKOW

Permit File Number: BXPCDT-20060901AAW

Clay C. Pendarvis
Associate Chief
Video Division
Media Bureau

Grant Date: October 10, 2006

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: Madison TV License Company, LLC

Station Location: WI-MADISON

Frequency (MHz): 542 - 548

Channel: 26

Hours of Operation: Unlimited

Callsign: WKOW Permit No.: BXPCDT-20060901AAW

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, TFU-14DSC-R CT160 DC

Beam Tilt: 1 Degrees Electrical

Major lobe directions 0 180

(degrees true):

Antenna Coordinates: North Latitude: 43 deg 03 min 21 sec

West Longitude: 89 deg 32 min 06 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average):  $201\,kW$ 

23 DBK

Height of radiation center above ground: 320 Meters

Height of radiation center above mean sea level: 663.2 Meters

Height of radiation center above average terrain: 363 Meters

Antenna structure registration number: 1033919

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 \*\*\*