United States of America

FEDERAL COMMUNICATIONS COMMISSION
TELEVISION BROADCAST STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVE
1003 COMMUNICATIONS BUILDING
MAILCODE 6602
CARBONDALE IL 62901

Clay C. Pendarvis
Associate Chief
Video Division
Media Bureau

Facility Id: 70537
Analog TSID: 1034
Digital TSID: 1035
Call Sign: WMEC
Permit File Number: BPEDT-20000501AGY

Grant Date: July 25, 2001

This permit expires 3:00 a.m. local time, November 09, 2003.

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: BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

Station Location: IL-MACOMB

Frequency (MHz): 512 - 518

Channel: 21

Hours of Operation: Unlimited

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: ERI, ATW25H3-ESO10-36

Beam Tilt: 0.5 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 40 deg 23 min 54 sec

West Longitude: 90 deg 43 min 55 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 75 kW
18.8 DBK

Height of radiation center above ground: 142 Meters

Height of radiation center above mean sea level: 325 Meters

Height of radiation center above average terrain: 131 Meters

Antenna structure registration number: 1018309

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 The grant of this construction permit is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

*** END OF AUTHORIZATION ***