United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

KENT STATE UNIVERSITY
1613 EAST SUMMIT STREET
KENT, OH 44242

Authorizing Official:

for Arthur E. Doak
Supervisory Engineer
Audio Services Division
Mass Media Bureau

Grant Date: DEC - 6 1995

Call Sign: 940725MZ

This permit expires 3:00 a.m. local time, 18 months after grant date specified above.

Permit File No.: BPED-940725MZ

WAIL

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.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of 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:

KENT STATE UNIVERSITY

Station Location:

OH-THOMPSON

Frequency (MHz): 89.1

Channel: 206

Class: B

Hours of Operation: Unlimited

Transmitter location (address or description):
0.4 kilometer North East of the intersection of Rt. 528 and Thompson Rd., Thompson, Geauga County, Ohio.

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

Transmitter output power: As required to achieve authorized ERP.

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

Antenna Coordinates: North Latitude : 41 41 29
West Longitude : 81 2 49

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW).....	50	50
Height of radiation center above ground (Meters).....	50	50
Height of radiation center above mean sea level (Meters).....	436	436
Height of radiation center above average terrain (Meters).....	149	149

Overall height of antenna structure above ground (including obstruction lighting if any): 54 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

1. The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.

2. Waiver of 47 C.F.R. Section 73.1125 is granted to allow operation of the facility authorized by this construction permit as a satellite operation of the following station:

   WKSU(FM)

3. BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances.
   Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.

4. BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.

5. BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.

6. The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at an azimuth the value indicated on the composite radiation pattern authorized by this construction permit.
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   A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:
   .
   50.0 kilowatts.
   .
   Principal minimum and its associated field strength limit:
   .
   260 degrees True: 1.71 kilowatts.

*** END OF AUTHORIZATION ***