

Federal Communications Commission

FM BROADCAST STATION CONSTRUCTION PERMIT

Permittee

University of Northwestern - St.
Paul
3003 Snelling Ave N
St. Paul, MN, 55133

Call Sign**Facility ID**

763944

File Number 0000166960			
Filing Date 03/07/2022	Grant Date 04/13/2022	Expiration Date 36 months after the grant date	
Community of License City: GRAND RAPIDS State: MN	Frequency (MHz) 88.1	Station Channel 201	Station Class C3
Hours of Operation: Unlimited			
Facility Type: Noncommercial Educational			
Transmitter Certified for Compliance. 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 Non-Directional		Antenna Coordinates (NAD 83) Latitude 47-13-5.5 N Longitude 93-32-50.8 W	
Major Lobe Directions Not Applicable			
	Horizontally Polarized Antenna	Vertically Polarized Antenna	
Effective Radiated Power in the Horizontal Plane (kW)	24	24	

Height of Radiation Center Above Ground (meters)	44	44
Height of Radiation Center Above Mean Sea Level (meters)	458	458
Height of Radiation Center Above Average Terrain (meters)	55	55

Antenna Structure Registration Number 1224837	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
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Obstruction Marking and Lighting Specifications for Antenna Structure See the registration for this antenna structure.
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<p>Special Operating Conditions or Restrictions</p> <p>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 electromagnetic fields in excess of FCC guidelines.</p> <ul style="list-style-type: none"> • BEFORE PROGRAM TESTS COMMENCE, sufficient measurements must be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements must be submitted to the Commission with the FCC application for license. • THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. § 73.1620 DO NOT APPLY IN THIS CASE. A FORMAL REQUEST FOR PROGRAM TEST AUTHORITY MUST BE FILED WITH THE FCC APPLICATION FOR LICENSE BEFORE PROGRAM TESTS WILL BE AUTHORIZED. This request must contain documentation which demonstrates compliance with the following special operating condition: • The permittee/licensee must, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. If necessary, a fence must be erected at such distances and in such a manner as to prevent the exposure of humans to RF fields in excess of the FCC Guidelines (OET Bulletin No. 65, Edition 97-01, August 1997). The fence must be a type which will preclude casual or inadvertent access, and must include warning signs at appropriate intervals which describe the nature of the hazard. Any areas within the fence found to exceed the recommended guidelines must be clearly marked with appropriate visual warning signs.
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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(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

