



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST TRANSLATOR/BOOSTER STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF NORTHWESTERN-ST. PAUL  
3003 SNELLING AVENUE NORTH  
ST. PAUL MN 55133

George H. Gwinn  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 83434

Call Sign: K255BK

Permit File Number: BPFT-20040728AKE

Grant Date: October 12, 2004

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: UNIVERSITY OF NORTHWESTERN-ST. PAUL

Principal community to be served: IA-SUPERIOR

MN - JACKSON

Primary Station: WJRF (FM) , Channel 208, DULUTH, MN

Via: K210CG

Frequency (MHz): 98.9

Channel: 255

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 25 min 45 sec  
 West Longitude: 95 deg 00 min 46 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

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

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.205	0.205
Height of radiation center above ground (Meters):	67	67
Height of radiation center above mean sea level (Meters):	539	539

Antenna structure registration number: 1016764

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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
- 2 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.
- 3 \*\*\*NOTE TO PERMITTEE\*\*\*  
 Notwithstanding the grant of this construction permit or the expiration date specified herein, your station's license will automatically expire as a matter of law on September 30, 2005, if the station has not resumed broadcasting before that time. See Pub. Law No. 104-104, 110 Stat. 56, Section 403(1) (1996) and Order, Silent Station Authorizations, FCC 96-218 (released May 17, 1996). See also Public Notice, Expedited Processing of Applications Filed By Silent Stations, DA 96-818 (May 22, 1996).

\*\*\* END OF AUTHORIZATION \*\*\*