



**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

James D. Bradshaw  
Associate Chief  
Audio Division  
Media Bureau

Facility Id: 83434

Call Sign: K249DP

Permit File Number: BPFT-20031015AFA

Grant Date: January 13, 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-LAKE PARK

IA - SPIRIT LAKE

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

Via: K210CG

Frequency (MHz): 97.7

Channel: 249

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 28 min 50 sec  
 West Longitude: 95 deg 10 min 45 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):	0.25	0.25
Height of radiation center above ground (Meters):	51	51
Height of radiation center above mean sea level (Meters):	523	523

Antenna structure registration number: 1018121

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 permittee/licensee 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.

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