

United States of America FEDERAL COMMUNICATIONS COMMISSION FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

UNIVERSITY	OF NO	ORTHWESTERN	-	ST.	PAUL
3003 SNELLI	NG AV	VE N.			
ST. PAUL MN	5513	33			

Facility Id: 49348

Call Sign: WJRF

License File Number: BLED-19890726KB

This license covers Permit No.: BPED-19870330IA

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Dale E. Bickel		
Senior Engineer		
Audio Division		
Media Bureau		
Grant Date: August	07,	1990

This license expires 3:00 a.m. local time, April 01, 1997.

11	sign: WJRF	Li	cense No.	: I	3LED-19890726K	В			
	Name of Licensee: UNIVERSITY OF NORTHWES	STERN -	ST. PAUL						
	Station Location: MN-DULUTH								
	Frequency (MHz): 89.1								
	Channel: 206								
	Class: A								
	Hours of Operation:Unlimited								
	Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.								
	Transmitter output power:								
	Antenna type:Not Reported								
	Description:								
	Antenna Coordinates: North Latitude:	46 deg	47 min	14	Sec				
	West Longitude:	92 deg	06 min	53	sec				
					Horizontally Polarized Antenna	Polarized			
	Effective radiated power in the Horizont	cal Plar	e (kW):		.49	.49			

83 Height of radiation center above ground (Meters):

Height of radiation center above mean sea level (Meters): 131 Height of radiation center above average terrain (Meters): 131

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 92 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

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*** END OF AUTHORIZATION ***

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