



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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MINNESOTA PUBLIC RADIO  
480 CEDAR ST  
SAINT PAUL MN 55101

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Arthur E. Doak  
Senior Engineer  
Audio Division  
Media Bureau

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Facility Id: 78080

Call Sign: WIRN

License File Number: BLED-19961224KB

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Grant Date: April 01, 1997

This license expires 3:00 a.m.  
local time, April 01, 2005.

This license covers Permit No.: BPH-950919MB  
as modified by Permit No.: BMPH-960725IA

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.

Name of Licensee: MINNESOTA PUBLIC RADIO

Station Location: MN-BUHL

Frequency (MHz): 92.5

Channel: 223

Class: C2

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: Non-Directional

Description:

Antenna Coordinates: North Latitude: 47 deg 29 min 46 sec  
West Longitude: 92 deg 47 min 05 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	26.0	26.0
Height of radiation center above ground (Meters):	142	142
Height of radiation center above mean sea level (Meters):	615	615
Height of radiation center above average terrain (Meters):	170	170

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 158 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 electromagnetic fields in excess of FCC guidelines.

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Special operating conditions or restrictions:

- 2 Waiver of 47 C.F.R. Section 73.1125 is granted to allow operation of the facility authorized by this license as a satellite operation of the following station:  
KNOW(FM), Saint Paul, Minnesota

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