



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

Authorizing Official:

*Rodolfo F. Bonacci*

Rodolfo F. Bonacci  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Official Mailing Address:

MINNESOTA PUBLIC RADIO  
 45 EAST SEVENTH STREET  
 SAINT PAUL MN 55101

Facility ID: 92141

Call Sign: KNWF

Permit File Number: BMPED-20020904AAQ

This Permit Covers Permit No.: BPED-19981120MC,  
 as last modified by BMPED-20020416AAE

Grant Date: **DEC 10 2002**

The authority granted herein has no effect on the expiration date of the underlying construction permit.

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.

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.

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

Name of Permittee: MINNESOTA PUBLIC RADIO

Station Location: MN-FERGUS FALLS

Frequency: (MHz): 91.5

Channel: 218

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: As required to achieve authorized ERP.

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

Antenna Coordinates: North Latitude: 46 deg 19 min 12 sec  
West Longitude: 96 deg 05 min 32 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	2.70	2.70
Height of radiation center above ground (Meters):	55	55
Height of radiation center above mean sea level (Meters):	439	439
Height of radiation center above average terrain (Meters):	66	66

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 61 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.
- 2 Waiver of 47 C.F.R. Section 73.1125 was previously granted in Construction Permit BPED-19981120MC to allow operation of this facility as a satellite operation of KNOW-FM, St. Paul, MN (Facility ID No.: 42949).

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