



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

Official Mailing Address:

MINNESOTA PUBLIC RADIO  
480 CEDAR STREET  
ST. PAUL MN 55101

Authorizing Official:

A handwritten signature in blue ink, appearing to read "J. Bradshaw".

James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

Facility ID: 172758

Call Sign: NEW

Permit File Number: BNPED-20071016AHI

Grant Date: **SEP 15 2008**

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

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-ELY

Frequency (MHz): 89.3

Channel: 207

Class: C3

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: Non-Directional

Antenna Coordinates: North Latitude: 47 deg 53 min 40 sec  
 West Longitude: 91 deg 51 min 50 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	19.0	19.0
Height of radiation center above ground (Meters):	90	90
Height of radiation center above mean sea level (Meters):	541	541
Height of radiation center above average terrain (Meters):	103	103

Antenna structure registration number: 1027881

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 Waiver of 47 C.F.R. Section 73.1125 is granted to allow operation of the facility authorized by this construction permit as a satellite operation of the following station:  
 Station KSJN, Saint Paul, MN
- 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 Warning signs which describe the radiofrequency electromagnetic field must be posted at appropriate intervals. Access must be restricted to prevent the exposure of humans to RF emissions in excess of the FCC guidelines (OET Bulletin No. 65, Edition 97-01, released August 1997). Permittee shall submit documentation of compliance with this special operating condition when filing FCC Form 302, application for license.

Special operating conditions or restrictions:

- 4 During installation of the antenna authorized herein, AM Station(s) listed below shall determine operating power by the indirect method. Upon completion of the installation, antenna impedance measurements on the AM antenna shall be made and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission (along with a tower sketch of the installation) in an FCC Form 302-AM application for the AM station to return to the direct method of power determination.

(Revised January 28, 1983)

Station WELY, Ely, MN

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