



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

Authorizing Official:

Official Mailing Address:

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MINNESOTA PUBLIC RADIO  
480 CEDAR STREET  
SAINT PAUL MN 55101

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James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

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Facility Id: 21082

Call Sign: W215CG

Permit File Number: BMPFT-20151029AEH

Grant Date: November 24, 2015

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

This permit modifies permit no.: BPFT-20150921ABJ

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: MINNESOTA PUBLIC RADIO

Principal community to be served: MN-DULUTH

Primary Station: WSCD-FM (FM) , Channel 225, DULUTH, MN

Via: Satellite

Frequency (MHz): 90.9

Channel: 215

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 46 deg 47 min 20 sec  
West Longitude: 92 deg 07 min 04 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):	0.099	0.099
Height of radiation center above ground (Meters):	129	129
Height of radiation center above mean sea level (Meters):	504	504

Antenna structure registration number: 1024128

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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.
  
- 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.

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