



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

Authorizing Official:

*James D. Bradshaw*

James D. Bradshaw

Deputy Chief

Audio Division

Media Bureau

Official Mailing Address:

MINNESOTA PUBLIC RADIO

480 CEDAR ST

SAINT PAUL MN 55101

Facility Id: 42942

Call Sign: W215AI

Permit File Number: BPFT-20090428AAM

Grant Date:

**APR 29 2009**

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

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-ROSEAU

Primary Station: KNTN (FM) , Channel 274, THIEF RIVER FALLS, MN

Via: Direct - off-air

Frequency (MHz): 90.9

Channel: 215

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 48 deg 51 min 10 sec  
West Longitude: 95 deg 46 min 13 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission

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):	0.25	0.25
Height of radiation center above ground (Meters):	85	85
Height of radiation center above mean sea level (Meters):	403	403

Antenna structure registration number: 1023323

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 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 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.

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