



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

Authorizing Official:

Official Mailing Address:

WRIG, INC.  
904 GRAND AVE.  
WAUSAU WI 54403

James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

Facility Id: 155964

Call Sign: W290AZ

Permit File Number: BNPFT-20030829AEF

Grant Date: July 30, 2004

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: WRIG, INC.

Principal community to be served: WI-MARSHFIELD

Primary Station: WSAU (AM) , Frequency 550 kHz, WAUSAU, WI

Via: Direct - off-air

Frequency (MHz): 105.9

Channel: 290

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 44 deg 37 min 29 sec  
 West Longitude: 90 deg 07 min 07 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):	0.019	0.019
Height of radiation center above ground (Meters):	76	76
Height of radiation center above mean sea level (Meters):	446	446

Antenna structure registration number: 1033968

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 \*\*\*