



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

Authorizing Official:

Official Mailing Address:

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EDUCATIONAL MEDIA FOUNDATION  
5700 WEST OAKS BOULEVARD  
ROCKLIN CA 95765

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James D. Bradshaw  
Deputy Chief  
Audio Division  
Media Bureau

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Facility Id: 148831

Call Sign: W270AW

Permit File Number: BMPFT-20070129AHY

Grant Date: February 06, 2007

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

This permit modifies permit no.: BMPFT-20040719ADD

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: EDUCATIONAL MEDIA FOUNDATION

Principal community to be served: NC-SANFORD

Primary Station: WNCB (FM) , Channel 230, CARY, NC

Via: Direct - off-air

Frequency (MHz): 101.9

Channel: 270

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 35 deg 27 min 40 sec  
West Longitude: 79 deg 08 min 38 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):	0.01	0.01
Height of radiation center above ground (Meters):	46	46
Height of radiation center above mean sea level (Meters):	183	183

Antenna structure registration number: 1004942

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 \*\*\*