



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

Authorizing Official:

Official Mailing Address:

APPALACHIAN EDUCATIONAL COMMUNICATION CORP
P.O. BOX 2061
BRISTOL TN 37621

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 156669

Call Sign: W259AV

Permit File Number: BNPFT-20030828AOA

Grant Date: January 05, 2005

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: APPALACHIAN EDUCATIONAL COMMUNICATION CORPORATION

Principal community to be served: TN-KNOXVILLE

Primary Station: WJBE (AM) , Frequency 1040 kHz, POWELL, TN

Via: Direct - off-air

Frequency (MHz): 99.7

Channel: 259

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 36 deg 00 min 08 sec
 West Longitude: 83 deg 56 min 41 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):	58	58
Height of radiation center above mean sea level (Meters):	463	463

Antenna structure registration number: 1000295

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 ***