



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

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION  
5700 WEST OAKS BLVD  
ROCKLIN CA 95765

George H. Gwinn  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 143849

Call Sign: W227BR

Permit File Number: BNPFT-20030811AAU

Grant Date: October 05, 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: EDUCATIONAL MEDIA FOUNDATION

Principal community to be served: VA-PORTSMOUTH

Primary Station: WNOH (FM) , Channel 287, WINDSOR, VA

Via: Direct - off-air

Frequency (MHz): 93.3

Channel: 227

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 36 deg 51 min 39 sec  
 West Longitude: 76 deg 21 min 13 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<br>Polarized<br>Antenna: | Vertically<br>Polarized<br>Antenna: |
|---|---------------------------------------|-------------------------------------|
| Effective radiated power in the Horizontal Plane (kw):    | 0.019                                 | 0.019                               |
| Height of radiation center above ground (Meters):         | 104                                   | 104                                 |
| Height of radiation center above mean sea level (Meters): | 107                                   | 107                                 |

Antenna structure registration number: 1047304

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.

## Special operating conditions or restrictions:

- 3 Prior to construction of the tower authorized herein, permittee shall notify AM Station(s) listed below so that, if necessary, the AM station(s) may determine operating power by the indirect method and request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for the installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.  
(Revised March 14, 1983)

Station WGPL, Portsmouth, VA

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