

United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
NON-COMMERCIAL EDUCATIONAL-FM  
FM BROADCAST STATION LICENSE

File No. BLED-800609AH

Call Sign: WGBH

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this license,<sup>1/</sup> the LICENSEE

WGBH EDUCATIONAL FOUNDATION

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time:

APRIL 1, 1981

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. Frequency (MHz) . . . . . 89.7
2. Transmitter output power . . . . . 23.5KW
3. Effective radiated power . . . . . 100KW (H&V)
4. Antenna height above  
average terrain (feet) . . . . . 650' (H&V)
5. Hours of operation . . . . . Unlimited
6. Station location . . . . . Boston, Massachusetts
7. Main studio location . . . . . 125 Western Avenue  
Boston, Massachusetts
8. Remote Control point . . . . . 125 Western Avenue  
Boston, Massachusetts

9. Antenna & supporting structure: North Latitude: 42 ° 12 ' 42 "  
West Longitude: 71 ° 06 ' 51 "

is FMH-8AC, 8-sections circularly polarized, incorporating 0.4° beam tilt. Maximum main  
be power at -0.4° = 100 KW. Antenna mast-mounted on the top of a non-uniform cross-section,  
lf-supporting, steel tower. OVERALL HEIGHT ABOVE GROUND: 230 feet

10. Transmitter location . . . . . Great Blue Hill  
Canton, Massachusetts

11. Transmitter(s) (See Sections 73.1660, 73.1665 and 73.1670 of Commission's Rules) . . . . . Type Accepted

12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 715: 1,3,11 & 21

13. Conditions: --

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by section 606 of the Communications Act of 1934.

<sup>1/</sup> This license consists of this page and pages --

Dated: July 9, 1980  
dht

FEDERAL  
COMMUNICATIONS  
COMMISSION



FCC Form 352-A  
January 1980