FCC Form 364-A
March 1988

United States of America
FEDERAL COMMUNICATIONS COMMISSION

File No. BMPFT-890504 TI
W 249 AX/
Call Sign W 242 AA

CONSTRUCTION PERMIT

FM BROADCAST TRANSLATOR/BOOSTER STATION

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to conditions set forth in this permit, the permittee is hereby authorized to construct a station hereinafter described.

1. Name of Permittee: WGBH EDUCATIONAL FOUNDATION
2. Principal community(ies) to be served: Beacon Hill, Massachusetts
3. Primary Station: WGBH, Channel 209; Boston, MA
4. Via: Direct
5. Operating assignment: Channel No. 242 96.3 MHz
6. Hours of operation: Unlimited.
7. Transmitter: Type Accepted TTC, XL-1 FM
8. Transmitter power output: One watts (0.005 KW ERP; DA maximum)
9. Transmitting antenna location: 60 Wadsworth Street, Cambridge, MA
10. North Latitude: 42° 21' 42"
    West Longitude: 71° 05' 03"
11. Transmitting Antenna: Scala, CL-FM, single bay, log periodic array, oriented at 100 degrees.
12. Antenna supporting structure: side-mounted on a tower atop a building.
13. Overall height above ground: 109 meters (99M=RCAMSL)
14. Main radiation lobe(s) oriented: 100 degrees, True
15. Obstruction marking specifications: In accordance with the following paragraphs of FCC Form 715 (attached): 1 AND 2
16. Conditions: AS PER ATTACHED LETTER OF SEPTEMBER 16, 1991
17. Date of required completion of construction: **MARCH 16, 1993**

This permit DOES NOT AUTHORIZE OPERATION OF THE FACILITIES SPECIFIED HEREIN except for the conduct of EQUIPMENT TESTS pursuant to Section 74.13 of the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow for good cause shown.

Dated: **SEPTEMBER 16, 1991**

Thomas J. Englich
Chief, Auxiliary Services Branch

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