



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WGBH EDUCATIONAL FOUNDATION
1 GUEST STREET
BOSTON MA 02135

Rodolfo F. Bonacci
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 23441

Call Sign: WCRB

License File Number: BLH-19990310KE

Grant Date: October 03, 2001

This license expires 3:00 a.m.
local time, April 01, 2006.

This license covers permit No.: BPH-19991216ACA

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 the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 the 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.

Callsign: WCRB

License No.: BLH-19990310KE

Name of Licensee: WGBH EDUCATIONAL FOUNDATION

Station Location: MA-LOWELL

Frequency (MHz): 99.5

Channel: 258

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 16.0 kW

Antenna type: Non-Directional

Description: ERI COG-1084-5CP

Antenna Coordinates: North Latitude: 42 deg 39 min 14 sec
West Longitude: 71 deg 13 min 02 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	27.0	27.0
Height of radiation center above ground (Meters):	137	137
Height of radiation center above mean sea level (Meters):	238	238
Height of radiation center above average terrain (Meters):	199	199

Antenna structure registration number: 1036205

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.

*** END OF AUTHORIZATION ***