



Federal Communications Commission
Washington, D.C. 20554

November 28, 2016

1800E1-MHH

WGBH EDUCATIONAL FOUNDATION
Eric Brass
1 Guest Street
Boston, MA 02135

Re: WGBX-TV
0000017938
Boston, MA
Fac Id: 72098

Dear Licensee:

This is in response to the above application dated November 22, 2016, for special temporary authority (STA). You indicate that on October 23, 2016, the WGBX-TV broadcast facility suffered a transmission line failure and on November 2 installed and moved its operations to a temporary emergency antenna. Since that time, additional investigation, trouble-shooting, and planning has occurred and continues in the Station's efforts to resolve and repair the technical issues.

You also indicate that the licensee is filing this request for STA to ensure authority to continue to operate at variance under the parameters set forth herein.

After a thorough review of your technical specifications, we are persuaded that no interference is likely to occur from the proposed operation. If problems do arise, we expect them to be solved expeditiously and the Bureau reserves the right to require termination of the operation. We therefore conclude that the public interest would be served by the grant of this request.

With respect to radio frequency radiation (RFR), we expect compliance with Section 1.1307(b) of the Commission's Rules to be achieved.

Accordingly, the request for special temporary authority IS GRANTED subject to the technical parameters and conditions specified below.

Technical Parameters:

Channel: 19

Antenna Coordinates: N. Latitude: 42-18-37
W. Longitude: 71-14-12

Antenna Type: DIE, Non-Directional
Model No. TUA-O4-2/8U-1-S

Maximum Effective Radiated Power: 150 kW

Radiation Center Above Mean Sea Level: 351.4 meters

Radiation Center Above Ground Level: 304.8 meters

HAAT: 308.8 meters

Tower Registration Number: 1003433

Special Conditions:

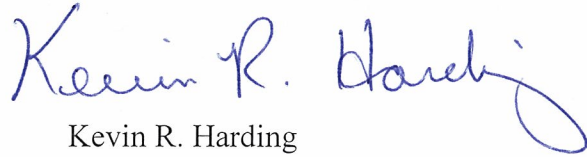
1. The grant of this construction permit is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

2. The facility authorized herein must comply with the FCC's increased DTV coverage requirements by the date specified in Section 73.625(a)

3. This authority expires on May 28, 2017. If appropriate, a timely renewal request must be filed before the end of this period.

4. Hours of operation of this facility will be in accordance with Section 73.624(b) of the Commission's Rules

Sincerely,

A handwritten signature in blue ink that reads "Kevin R. Harding". The signature is fluid and cursive, with the first name "Kevin" and last name "Harding" clearly legible.

Kevin R. Harding
Associate Chief
Video Division
Media Bureau

cc: Michael P Beder