



Federal Communications Commission
Washington, D.C. 20554

March 22, 2016

DA 16-301

Mr. Michael P. Beder
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Call Sign: E160008
File No.: SES-LIC-20160113-00040
SES-AMD-20160118-00058

Dear Mr. Beder:

On January 13, 2016, WGBH Educational Foundation (WGBH) filed the above-captioned application to operate a fixed earth station in Boston, MA with the Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands. Pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. § 25.112(a)(1), we dismiss the application as defective without prejudice to re-filing.¹

Section 25.112(a) of the Commission's rules, 47 C.F.R. § 25.112(a), requires the Commission to return as unacceptable for filing any earth station application that is not substantially complete, contains internal inconsistencies, or does not substantially comply with the Commission's rules. WGBH's application does not comply with the Commission's rules, and is subject to dismissal as follows.

Section 25.115(k)(1) of the Commission's rules, 47 C.F.R. § 25.115(k)(1), requires that earth station applications requesting authority to operate with the Permitted List satellites must qualify for routine processing. The standard for routine processing is outlined in Section 25.212(c)(2) of the Commission's rules, 47 C.F.R. 25.212(c)(2). In relevant part, an earth station may be routinely licensed for digital transmission if the antenna input power spectral density does not exceed -14 dBW/4kHz.

WGBH's application does not comply with this standard for routine processing. Specifically, WGBH lists emission designators 6M00G7W, 3M00G7W, and 1M00G7W in Item E50 of Schedule B with maximum EIRP power density values of 43.2, 46.2, and 46 dBW/4kHz, respectively, in Item 49 of Schedule B. Based on the 55 dBi gain value that WGBH listed in Item E41, the input power densities of those emissions would be -11.80, -8.80, and -9.00 (dBW/4kHz), respectively, which is greater than the -14 dBW/4kHz limit for routinely licensed authorizations.

¹ If WGBH refiles an application in which the deficiencies identified in this letter have been corrected but otherwise identical to the one dismissed, it need not pay an application fee. See 47 C.F.R. § 1.1111(d).

Accordingly, pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. § 25.112(a)(1), and Section 0.261 of the Commission's rules on delegations of authority, 47 C.F.R. § 0.261, we dismiss WGBH's application without prejudice to re-filing.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul E. Blais".

Paul E. Blais
Chief, Systems Analysis Branch
Satellite Division
International Bureau