

AMEND BMPH-20070802ABX
COMMONWEALTH BROADCASTING, LLC
WUSH (FM) RADIO STATION
CH 291B1 - 106.1 MHZ - 11.0 KW
POQUOSON, VIRGINIA
January 2008

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Commonwealth Broadcasting, LLC (“CBL”), licensee of station WUSH (formerly WNRJ), Channel 291A, Poquoson, Virginia. CBL has an outstanding permit to upgrade to Channel 291B1 at Poquoson, Virginia (BPH-20070119ADD) and also has a pending application to modify that permit (BMPH-20070802ABX). CBL herein proposes to amend the pending application by slightly lowering the antenna center of radiation with a minor increase in effective radiated power. No other change is proposed. It is noted that the underlying modification application was contingently filed with an application submitted by the licensee of WRDU, Wilson/Knightville, North Carolina and the licensee of WFJA, Sanford, North Carolina. As such, the licensed and permitted facilities of WRDU are not considered. The contingent WRDU application is fully spaced to the proposed WUSH site. A copy of the contingent application agreement was previously submitted in BMPH-20070802ABX.

CBL is proposing to implement this change at an existing tower site. However, CBL has requested a slight tower height increase to accommodate the installation of the WUSH antenna. As such, the Federal Aviation Administration (“FAA”) was apprised of this proposal and has issued a Determination of No Hazard. Antenna Structure Registration Number 1047304 has

been updated accordingly. It is noted that the 70 dBu contour, based on the Commission's standard propagation model, does not reach Poquoson. As such, attached as Exhibit A is a supplemental showing, using a Point-to-Point model, that demonstrates this proposal is in compliance with the rules regarding city grade coverage to the community of license.

Since there are some authorized TV transmitters co-located with the proposed WUSH, the use of the worksheets associated with FCC Form 301 could not be used to show compliance with the Commission's radio frequency radiation exposure limits. Therefore, attached as Exhibit B is a study showing this proposal is in compliance with the radio frequency limits.

All other necessary documentation used to certify the technical portion of FCC Form 301 has been forwarded to CBL and is available to the Commission upon request.¹

1) The undersigned has evaluated only the radio frequency radiation exposure portion of the environmental review. All other reviews, where necessary, have been or will be addressed by the applicant. Further, all data regarding broadcast facilities was extracted from the CDBS database. We assume no liability for errors or omissions in that database which may be adverse to the request contained herein.