



402 Tenth Avenue • PO Box 367 • Haddon Heights, NJ 08035

Engineering Report Addendum

Exhibit 12

Long Form Application BNPFT20130828AGD

Edward A. Schober

Manahawkin, NJ

October 2013

This Amendment to pending application BNPFT201308AGD is made in response to a petition to deny filed against the application by Greater Philadelphia Radio, Licensee of WBEN-FM alleging, among other things that the proposed facilities would interfere with the reception of WBEN-FM by a single listener within the proposed 1 mV/m contour of the proposed translator. Section 74.11204(f) states that an application will not be accepted for filing if "the grant of the authorization will result in interference to the reception of such signal."

Greater Philadelphia Radio conducted a campaign on WBEN-FM and its associated website <http://www.ilikebenfm.com> which provided a boilerplate form where the browsing individual would enter their name and address, and thereby provide WBEN-FM an e-mail which would be used as evidence that the person visiting the website actually resides at the listed address, is actually the person they claim to be, and actually listens to WBEN-FM at that address. This specious process is fatally flawed, in that there is no verification that any of the information is real. Listeners now have many ways to receive radio broadcast signals, not only by receiving it off the air, via an internet stream or through wireless phone "app". The average listener cannot distinguish between receiving a station on their Android or iPhone and over the air. In the car or home entertainment system – the programs come out of the same speakers whether it comes in by radio or Roku.

Upon my investigation, however, it was determined that Mr. Jason Koralja, who was identified as the single listener to WBEN-FM within the proposed 1 mV/m of the translator actually claims to listen to WBEN-FM over the air from his home. Mr Koralja is an avid "DX listener" hobbyist, a former member of The Worldwide TV-FM DX Association. Mr Koralja, according to sources on the internet, has reported receiving broadcast stations from as far away as Wyoming, Norway and St. Kitts.

As Mr Koralja resides within the originally proposed 1 mV/m contour of BNPFT201308AGD and that its operation could reasonably be expected to limit Mr. Koralja's enjoyment of WBEN-FM, this amendment changes the proposed directional antenna characteristics specified in BNPFT201308AGD so as to reduce the signal in that direction. The amended signal is limited not only to the level which places Mr Koralja's home outside the proposed 1 mV/m contour, but is further reduced so that even with the miniscule signal level of WBEN-FM available at Mr. Koralja's residence, no interference to his reception would be reasonably be expected from the amended BNPFT201308AGD.

An additional figure has been added to Exhibit 13 showing a detail of the The FCC F(50,50) curves predict that the WBEN-FM 40 dbμV reaches Mr Koralja's residence. The first adjacent channel protection ratio is 6 db. The amended proposed F(50,10) 34 dbμV does not reach Mr



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Koralja's residence. No interference is expected to Mr. Koralja's reception of WBEN-FM.

Each of the Exhibit 10 and Exhibit 13 maps have been amended to show the proposed contours based upon the amended directional pattern. The implementation of the revised directional antenna requires a reduction in the vertically polarized power of the translator.

The second and third adjacent tables Exhibit 13 figure 3 are unchanged, as the horizontal power is unchanged, and the vertical pattern does not exceed the originally specified antenna in any direction below the horizon.

I certify that the statements presented in this supplement are correct and accurate of my own knowledge, and that my qualifications are as established elsewhere in this application.

31 October 2013

A handwritten signature in blue ink that reads "Edward A. Schober".

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Edward A. Schober, PE