

NOSTALGIA ONE PUBLIC RADIO, INC.**APPLICATION FOR MINOR MODIFICATION OF NCE-FM CONSTRUCTION PERMIT, FCC FILE NUMBER BNPED-20071022BKB, Facility Id. 176846, LISBON, NEW HAMPSHIRE.****ENGINEERING STATEMENT**

In the Instant Application, Nostalgia One Public Radio, Inc. seeks to modify it's Construction Permit for a new NCE-FM Station on channel 209 (89.7-FM) Lisbon, New Hampshire. Facility Id. 176846 (BNPED-20071022BKB)

The attached Engineering Exhibits will show that this application is fully spaced to all Domestic Stations, Applications, and Allotments. It is "Short Spaced" to Canadian Station CBF-2, Sherbrooke, Quebec. The Applicant will employ a directional antenna achieving the appropriate Contour Protection.

Exhibit 14 Shows that the proposed facility meets the Community Coverage requirements of Section 73.515., specifically it covers the entire Community of License, Lisbon, New Hampshire.

Exhibit 14a., includes a map of the proposed F(50,50) 60 dBu Contour, and a tabular listing of the distance to the 60 dBu contour. Also, a Topographical Map of the Proposed Ch. 209 Transmitter Site.

Exhibit 16, Section 73.509 Frequency Separation Study (done with RadioSoft ComStudy 2.0) showing the Spacing Clearance to the pertinent co-channel and adjacent channel stations. To Save confusion for FCC Processing Staff, BNPED-20071022BKB (Facility Id. 176846) the Applicant's current Construction Permit for Lisbon, New Hampshire on channel 209, was also deleted from the Frequency Separation Study. FCC file number: BNPED-20071022ANF, and BNPED-20071022AEN, both NCE filing window applications that have been subsequently dismissed, were also deleted. WCSH-TV, Channel 6, Portland Maine has been deleted from the study as per FCC Order DA 09-2214, released October 13, 2009, stating that NCE-FM Applicants no longer need to comply with Sec. 73-525, requiring protection to "affected" TV Channel 6 Stations, that are no longer broadcasting in analog.

Exhibit 16(a). (see attached copy of Form 387 "DTV Transition Status Report" file number BDTUCT-20090416ABN, filed by Pacific And Southern Company, Inc. Owners of WCSH-TV, which states that the station has completed it's DTV Transition and is operating on it's new digital channel 44, and has ceased analog transmission.

Exhibit 16(b). is a Contour Protection Study showing the lack of Overlap with other stations. The proposed facility was studied with respect to all nearby possible interferees and interferors depicting the applicable service and interfering contours of all pertinent stations, permits, and applications. Contours which are not permitted to overlap under Sec. 73.509 are depicted in the same colors. As illustrated, no prohibited overlap will be created by the proposed facility.

Exhibit 21. The Proposed Channel 209 CP Modification Proposal is located within 320 km of the Canadian border, at 69km distant, but fully protects all Canadian Stations and Allotments. The Instant Application will receive Interference from CBF-2, Channel 209, in Sherbrook, Quebec, within the United States, however the F(50,10) 34 dBu Contour of the Proposal does NOT cross the International Border, and thus is in compliance with the International Treaty. The Applicant respectfully requests the Commission seek Canadian Concurrence if appropriate.

Exhibit 22, R.F. Emissions Compliance Statement, and FM Model Studies. The Instant Application proposes a Transmitter site on an existing tower in Dalton, New Hampshire, employing a Directional Antenna, with 2.9 kw ERP at 40 Meters Above Ground Level. The Facilities will be co-located with WXXS-FM (Facility ID. 77920) and WOTX-FM, (Facility Id. 166090) No Structural changes are proposed for the tower, thus the FAA has NOT been notified, and no Environmental Hazards to humans or animals will result from this additional antenna. Note that the combined power density contribution of both existing FM Stations on the Tower, plus the proposed channel 209, only total .051 percent of the Ansi Standard.

The Current Construction Permit for channel 209 for this Applicant, shows a population coverage of 11,048 people within the F(50,50) 60 dBu Contour which covers 469 sq. kilometers. The Instant Application will result in a covered population of 36,776 people within the 60 dBu Contour (encompassing 2,910.5 sq. kilometers, amounting to an increase of 25,728 more people, and the real estate coverage is increased by 2,441.5 sq. km. Thus we believe that a Grant of this Application would be in the Public Interest. (Note: The Construction Permit that the Instant Application seeks to modify was not granted as the result of "Fair Distribution of Service" or "Point System Factors", but was the result of the Applicant being a "Singleton").

Respectfully Submitted,

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