610 AM

WXVA

Received & Inspected

NOV 21 2011

FCC Mail Room

14 November 2011

2011 NOV 28 A 5:36

RECEIVED

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

Dear Ms. Dortch:

This is a letter from Winchester Radio Broadcasters, LLC, licensee of WXVA(AM) notifying the FCC of of its intent to operate Pre Sunrise using its day antenna under the provisions of FCC Rules Section 73.99(e)(1).

Licensee:	Winchester Radio Broadcasters, LLC
Call Sign:	WXVA
Location:	Winchester, VA
Operation:	No power reduction is required. Permitted Power level is 380 Watts for Class B station on Regional Channel

An engineering report is attached demonstrating compliance with all FCC and treaty requirements.

Respectfully submitted,

Edward A. Schober

Edward A. Schober
Chief Executive Manager
Winchester Radio Broadcasters, LLC

Phone: 609-670-3379 ≈ PO Box 367 Haddon Heights, NJ 08035 ≈ Fax: 540-409-5221

Engineering Report
Pre Sunrise Operation Page 1
WXVA, Winchester, VA

Abstract

This report details compliance with FCC Rules and Regulations for WXVA, Winchester, VA to operate Pre-Sunrise with its day facilities at full power. WXVA has filed a license application to operate with modified day facilities as described in BP-20110131AQW, with an omnidirectional antenna and 380 Watts. These are the facilities analyzed herein.

Applicable FCC Rules

WXVA is a class B AM station on a regional channel. Section 73.99(a)(4) specifies that such stations may commence PSRA operation at 6AM local time and continue until the local sunrise time specified in their basic instrument of authorization.

This report is submitted as an attachment to the letter notification required in section 73.99(e)

WXVA is a class B AM station on a regional channel. This case requires full night protection of all foreign stations using the WXVA day antenna parameters, and with optional adjustment for Canadian and Mexican station protection using diurnal factors.

Protection of Foreign Stations

For a radiated field of 175.2 mV/m, the WXVA day antenna does not produce a 0.025 mV/m 50% Region II skywave contour within any foreign countries except Canada and The Bahamas.
There are no class A stations on 610 kHz in Canada. As can be seen below, all class B and C stations in Canada are fully protected without adjustment for diurnal factors.

Coordinates : 39-07-26.4 N 78-12-42.0 W Frequency : 610 kHz PWR: 0.380 ND Horizontal Inverse Field: 175.196 mV/M

SITE INFO BEARING	CALL LIM	CLASS	SLANT DIST	GEOMAG MIDPT	AZIMUTH TO	GND RAD ---	ELEV ---	MAX RAD ---	SWAVE FLD SWAVE FLD	LIMIT ---	RSS LIMIT 50%
14.1	CFLO 801.205	C	877.7	54.2	14.1	201.0	10.7	170.8	0.080467	3.168	25.788
42.2	CHNC 218.957	B	1448.7	55.2	42.2	201.0	4.4	174.6	0.029897	1.198	2.618
56.6	CKXJ 1198.331	B	2024.9	55.2	56.6	201.0	0.9	175.1	0.010200	0.410	4.889
302.7	CJAT 4633.881	B	3307.0	55.7	302.7	201.0	0.0	175.2	0.002887	0.116	5.351
305.5	CHNL 16605.305	B	3501.6	56.6	305.5	201.0	0.0	175.2	0.002519	0.101	16.732
316.7	CKYL 8179.715	B	3418.0	59.3	316.7	201.0	0.0	175.2	0.002666	0.107	8.724
321.1	CKRW 23117.694	B	4526.8	62.6	321.1	201.0	0.0	175.2	0.001440	0.058	13.316
328.2	CHTM 4786.988	B	2355.0	58.6	328.2	201.0	0.0	175.2	0.006611	0.266	12.660
349.9	CKTB 661.944	B	485.4	52.4	349.9	201.0	22.4	159.9	0.134410	4.931	35.589

There are no stations notified on 610 kHz in The Bahamas.

For a radiated field of 175.2 mV/m the proposed WXVA day antenna does not produce a

0.025 mV/m 10% US-Mexico skywave contour within Mexico.

Conclusion

Full night protection of all foreign stations is maintained from the authorized day antenna of WXVA, at 0.38 kW ND, without relying on diurnal factors. This meets the requirements of all international agreements, in compliance with Section 73.99(f)(4) of the FCC Rules and Regulations. All other requirements of Section 73.99 are met for WXVA to operate PSRA from 6 AM local time at full daytime power of 0.38 kW.

Engineer's Statement

This is to certify that this report has been prepared by myself. It is correct and accurate of my own knowledge, except were stated otherwise, and where that is so, the information is correct to the best of my knowledge and belief.

I further certify that I am a Licensed Professional Engineer in the State of New Jersey, and the Commonwealth of Pennsylvania with a BSEE degree from the Newark College of Engineering of NJIT, and that I am, and have been for over thirty years, regularly engaged in the practice of radio engineering with the firm of Radiotechniques Engineering, LLC, with offices at 402 Tenth Avenue, Haddon Heights, NJ. I am a member of the AFCCE, Senior member of the IEEE and SBE and hold a FCC General Radiotelephone Operator License. My qualifications are a matter of record with the FCC.

Edward A. Schober

14 November 2010

Edward A. Schober, PE