

Application to Modify Construction Permit  
W228BM 93.5 mHz. Narrowsburg, NY  
August, 2006

This technical statement is prepared by Charles Williamson, holder of a Construction Permit to construct a Translator Station at Narrowsburg, NY on Channel 228. This amendment serves five purposes: (1) Specify a different location for the Translator Station, (2) Change Primary Station, (3) Change to non fill-in status, (4) specify a non-directional antenna and (5) change channels.

The owner of the site currently authorized in the Construction Permit (CP) has not constructed the tower he intended to construct. Therefore a new site has been secured. The proposed service contour from the new site will overlap the service contour of the present CP facility. The Primary station will change from WVOS-FM to WDNB. Along with this change, the Translator Station will no longer be classified as a fill-in translator since the service contour will extend beyond the service contour of the proposed primary station. Since it is no longer desired to maintain the translator station service contour within the primary stations service contour, a non-directional antenna is proposed. Finally, the translator station is proposed to move from channel 228 to channel 282.

The Translator Station antenna is proposed to be located at 9 meters above ground level. This elevation is compliant with 74.1235 pertaining to Power Limitations. Specifically, the Effective Radiated Power (ERP) on each of the 12 radials used in determining Height Above Average Terrain (HAAT) does not exceed the Maximum ERP permitted on each of the radials based on its individual HAAT. The following table details this conclusion.

Bearing	Radial HAAT	Permitted ERP	Actual ERP
0	12	250	19
30	109	19	19
60	85	27	19
90	94	27	19
120	108	19	19
150	45	120	19
180	52	80	19
210	31	250	19
240	28	250	19
270	26	250	19
300	13	250	19
330	-24	250	19
degrees	meters	watts	watts