

MODIFY BPH-20151231ABD
PARTNERSHIP RADIO, LLC
WUBU (FM) RADIO STATION
CH 292A - 106.3 MHZ - 1.4 kW
SOUTH BEND, INDIANA
April 2016

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Partnership Radio, LLC ("Partnership Radio"), licensee of WUBU, Channel 292A, South Bend, Indiana. Partnership Radio holds a construction permit to make minor changes to the WUBU facility (BPH-20151231ABD). Partnership Radio proposes to modify the outstanding permit by increasing the antenna height above ground level and mean sea level and decreasing the effective radiated power.

Partnership Radio is proposing to operate WUBU from the existing tower that has been approved in the outstanding construction permit. The tower has been registered with the FCC and assigned Antenna Structure Registration Number 1031309.

WUBU is authorized under §73.215 of the Commission's rules. As shown in Exhibit A1, there is existing shortspacing between WUBU and WRDF, Channel 292A, Columbia City, Indiana; WSRB, Channel 292A, Lansing, Illinois; and WVFM, Channel 293B, Kalamazoo, Michigan. Exhibit A2 demonstrates the current contour clearances of WUBU to these and other stations.

As shown in Exhibit B, at the existing site, WUBU remains shortspaced to WRDF, WSRB, and WVFM. It is noted that, at the existing location, the spacing to WRDF, WSRB, and WVFM complies with the spacing requirements of §73.215(e) of the Commission's rules. Exhibit B1 applies the proposed WUBU directional antenna and tabulates contour clearance to WRDF, WSRB, and WVFM. Exhibit B2 is a map showing the required contour clearance to these stations. Exhibits B5 through B10 show the FMOVER tabulation of contour clearances, and Exhibit B11 tabulates the WUBU proposed contour distances under §73.215. At the proposed site WUBU does not serve 100% of the area or population of South Bend, but does provide 70 dBu City Grade Service to 96.9% of the population of South Bend as demonstrated in Exhibit B12.

Due to the close proximity of FM stations and television stations, compliance with the FCC's rules regarding human exposure to radio frequency radiation levels was not able to be verified using the FCC's RFR Worksheets. Exhibit C details compliance with RF radiation exposure rules. All other necessary documentation used to certify the technical portion of FCC Form 301 has been forwarded to Partnership Radio 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 data regarding broadcast facilities was extracted from the Commission's CDBS database on the date of this application. We assume no liability for errors or omissions in that database which may be adverse to the request contained herein.