

AMEND BPFT-20100402ABS
SOUTHERN COMMUNICATIONS CORPORATION
W264BM FM TRANSLATOR
CH 228D - 93.5 MHZ - 0.250 KW
BECKLEY, WEST VIRGINIA
April 2010

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Southern Communications Corporation ("SCC"), licensee of W264BM, Mount Hope, West Virginia. SCC has a pending application seeking to displace W264BM to a non-adjacent channel due to the commencement of operation of station WVBD, Channel 264A, Fayetteville, West Virginia (BPFT-20100402ABS). SCC had proposed operation on Channel 252D in lieu of Channel 264D.

It has come to the attention of SCC that operation on Channel 252D may have an impact on the ability of FM translator station W268AZ to receive LPFM station WQAZ-LP, Channel 253L1, Edmond, West Virginia, which is received off the air. SCC therefore proposes to amend its pending application to propose operation on Channel 228D. In addition, SCC is proposing an alternate transmitter site for the W264BM facility. The proposed W264BM translator on Channel 228D will be used as a fill-in translator for co-owned AM station WIWS, 1070 kHz, Beckley, West Virginia. Exhibit A is a map depicting the proposed 60 dBu contour of the proposed W264BM is well inside the licensed 2.0 mV/m contour of WIWS.¹ A map showing the overlap of the licensed W264BM facility and the proposed translator on Channel 228D is attached as Exhibit B.

1) As well as being inside a 25 miles radius of the WIWS site.

As SCC is proposing to locate the W264BM antenna system on an existing tower, the Federal Aviation Administration was not apprised of this proposal. The tower has been registered with the Commission and assigned Antenna Structure Registration Number 1057838. Attached as Exhibit C is a study demonstrating that the proposed W264BM translator on Channel 228D will not cause interference to any full service station, nor will interference be delivered to or received from any existing FM translator station or LPFM facility. A study has been undertaken to show the proposed W264BM facility is in compliance with the Commission's radio frequency radiation limits and is attached as Exhibit D.

As the proposed W264BM translator will be co-located with AM stations WIWS and WWNR, SCC will notify the licensees of both AM stations to determine power by the indirect measurement of power when the antenna and transmission line for the translator are installed on the tower. Following construction, SCC will conduct an antenna impedance measurement on the common WIWS/WWNR tower. If the results show a change to the parameters of the AM stations, applications to return both stations to direct measurement of power will be prepared and submitted to the FCC. All other necessary documentation used to certify the technical portion of FCC Form 349 has been forwarded to SCC and is available to the Commission upon request.²

2) The undersigned has evaluated only the radio frequency radiation exposure portion of the environmental review. All data regarding broadcast facilities was extracted from the CDBS database, based on the date of the interference study herein. We assume no liability for errors or omissions in that database which may be adverse to the request contained herein.