

The applicant complies with all pertinent rule sections for this application, including those mentioned in the form technical certifications.

For the underlying contour determinations of this application, all service contours are F50,50 contours as determined using Figure 1 of Section 73.333 of the FCC Rules. All interference contours are F50,10 contours as determined using Figure 1a of Section 73.333 of the FCC Rules. USGS 3 arc-second terrain data and a 1-degree azimuth increment have been used.

Note that all population data supplied in this application are based on the latest (year 2010) US Census Block Centroid Data. Only the population associated with a centroid that is located within the pertinent contour or area that is being studied is accumulated for a total population count. Similarly, the geographical area is determined using computerized software that divides the studied area into very small contiguous grid blocks. The small grid blocks that are located within the pertinent area under study are accumulated for a total count of the land area within the studied contour or area. (Large areas of water are excluded.)

### **Channel 6**

WPVI-TV, Philadelphia, PA channel 6D has a predicted 47 dBu (F50,50) service contour extends just beyond the proposed site. At the proposed FM site, the WPVI-TV F50,50 field strength is 51 dBu. The channel 217 proposal is for vertical polarization only to aide with the Section 73.525 protection with the allowed 40:1 adjustment. The applicable 75 dBu F50,10 interference contour (with the 16 dB ERP reduction for V-pol only service) has a population of only 135. Therefore, WPVI-TV is adequately protected based on Section 73.525.