

APPLICATION FOR STATION LICENSE
OHIO VALLEY COMMUNICATIONS, INC.
WEEL (FM) RADIO STATION
CH 239B1 - 95.7 MHZ - 6.8 KW (DA)
SHADYSIDE, OHIO
November 2003

TECHNICAL STATEMENT

This Statement was prepared on behalf of Ohio Valley Communications, Inc. ("OVC"), licensee of radio station WEEL, Channel 239A, Shadyside, Ohio. OVC holds an outstanding construction permit authorizing minor changes and an upgrade in the facilities of WEEL (BPH-20021003AAJ). This instant application seeks a license to cover this outstanding construction permit. The WEEL facilities have been constructed as authorized in the underlying permit. Attached as Exhibit A is a calculation of the transmitter power output for WEEL. It is noted that due to the design of the WEEL antenna system, the power in the horizontal polarization reaches the authorized 6.8 kilowatts. However, the vertical power is slightly below the authorized power, as such, the WEEL antenna system is considered elliptically polarized.

There were six conditions placed on the WEEL permit. The first four conditions all relate to the use of a directional antenna for WEEL. Attached as Exhibit B is an antenna proof of performance from Shively Labs ("Shively"), the manufacturer of the WEEL antenna system, demonstrating compliance of the antenna system with the requirements and limits contained in the permit. Further, attached as Exhibit C is a statement from an engineer that the antenna was assembled and installed in accordance with Shively's specifications. Finally, attached as Exhibit D is a verification from a Land Surveyor that the antenna is oriented at 91° true. Further, as detailed in Exhibit B, the power of the facility between 290° and 300° is below the required 1.85 kilowatt limit.

Condition 5 relates to the grant of the permit pursuant to §73.215 of the Commission's rules. OVC acknowledges the §73.215 condition. The final condition relates to radio frequency radiation issues. OVC herein restates that it will, in cooperation with other tower users, reduce the power of WEEL or cease operation, as necessary, to insure that persons having access to the tower will not be exposed to radio frequency electromagnetic fields in excess of the FCC's guidelines. Based on the foregoing, all conditions on the permit have been satisfied. Therefore, OVC requests full power program test authority for WEEL.