

# WMPS

## 68 COUNTRY

112 Union Avenue • Memphis, TN 38103 • 901/529-4368

Mr. Carl W. Dabelstein  
8209 West 78<sup>th</sup> St.  
Overland Park, Kansas 66204

Dear Carl,

This is to confirm your reception at Overland Park, KS  
of Radio Station WMPS in Memphis, Tennessee, operating on  
a frequency of 680 KiloHertz from 6:50 AM to 6:53 AM  
CST/CDT on 28 Oct, 1980.

The WMPS transmitter and antenna installation is located at North Latitude 35° 13' 23" and West Longitude 90° 02' 33". We operate daytime with a nominal power of 10 kilowatts from a 600 foot series feed antenna. Night operation is from a directional array consisting of four 400 foot series feed antennas located at the corners of a rectangle 407' x 783' with the long side bearing 71.5° true. Phasing of the array is such as to produce a radiation pattern with a single major lobe bearing 159° true and 5 minor lobe. Nulls are located at 8°, 59°, 85°, 224°, 277° and 315.5° true. Nominal input power to this array is 5 kilowatts.

Our normal transmitter is a RCA BTA 10 L 2 using Ampliphase Modulation. The standby transmitter is a RCA BTA 10 F which was installed at the site in 1947.

Thank you for your reception report.

Sincerely,

*P. L. Benesch*

Paul Benesch  
Engineer

PB/jc

*ND Operation Began @ 6:45 AM*

*Commercial Radio Monitoring in Lee's Summit, MO  
Does our freq. check the first Mon of  
each month about 12:30 AM.*

