



One Central Plaza, 11300 Rockville Pike, Rockville, Maryland 20852 301/468-1800

TO: Mr. Kelly Andrews

RE: Your reception of our AM/~~FM~~ signal on March 21 1979.

The program material submitted in your reception report was/~~was not~~ broadcast by WGMS at the approximate times indicated.

Antenna Location: AM - Montgomery County, Maryland
 39° 02' 16" north latitude
 77° 10' 17" west longitude

 FM - Washington, D.C.
 38° 56' 09" north latitude
 77° 05' 33" west longitude

Hours of Operation: 24 hours a day except from midnight Sunday
 until 6a.m. Monday, when we are off the
 air for maintenance

WGMS-AM broadcasts on 570 kHz (526 meters) with a 4-tower directional antenna system whose main radiating lobe is on a bearing of 144° from true north. Power output is 5 kW during daytime hours and 1 kW during nighttime hours. Average hours of sunrise and sunset for each month are specified by the Federal Communications Commission.

WGMS-FM broadcasts on 103.5 MHz with a circularly polarized antenna. The effective radiated power is 46 kW horizontal and vertical at a height of 510 feet above average terrain, or approximately 365 feet above mean sea level.

H.K. Leyh

H.K. Leyh
Chief Engineer
WGMS-AM/FM