



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
Oceanic and Atmospheric Research Laboratories  
325 Broadway - David Skaggs Research Center  
Boulder, Colorado 80303

February 10, 2003 R/OM62:TM

Clarence M. Beverage  
Communications Technologies, Inc.  
Broadcast Engineering Consultants  
PO Box 1130  
Marlton, NJ 08063

Dear Mr. Beverage:

The Department of Commerce Radio Frequency Management Office evaluated the impact of the application for Way FM Media Group, at 89.7 MHz on the Table Mountain Radio Quiet Zone.

From Buckhorn Mountain, Table Mountain is 52 km at a bearing of 173.1 degrees true. The proposed ERP is 20 kW. The free space field intensity at Table Mountain is calculated at 85.6 dBuV/m. Calculated terrain attenuation will reduce the received signal strength by below the maximum permissible of 80 dBuV/m.

The Radio Frequency Management Office determines that successful coordination is achieved for the WAY FM Media Group new FM channel 209C1 89.7 MHz application. This coordination analysis is based on the technical data provided to this Office and not on actual system operation. Measurements will be made to determine the actual field strength received at Table Mountain.

Thank you for your advanced coordination in supplying the engineering data. Your efforts help preserve Table Mountain Radio Quiet Zone for scientific research.

Sincerely,

A handwritten signature in black ink, appearing to read "Teresa Marala".

Teresa Marala  
Telecommunications Specialist

cc: Federal Communications Commission, Mass Media Branch  
R. Barth, DOC/RFMO

