



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

September 25, 2003

R/OM62:TM

Bob Augsburg, President
Way-FM Media Group, Inc.
PO Box 64500
Colorado Springs CO 80918

Dear Mr. Augsburg:

The Department of Commerce Radio Frequency Management Office evaluated the revised application for Way-FM Media Group at 89.7 MHz. The evaluation predicted the effect that the 36 kW ERP transmitter will have on the Table Mountain Radio Quiet Zone. In February 2003, the Department of Commerce evaluated the effect of a 20 kW transmitter from this same location, with the same antenna pattern and radiation center height.

From Buckhorn Mountain, Table Mountain is 52 km at a bearing of 173.1 degrees true. With the proposed 36 kW ERP, the free space field intensity at Table Mountain is calculated to be below the maximum permissible of 80 dBuV/m due to terrain attenuation.

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 with 36 kW. This coordination analysis is based on 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 continued coordination to protect the Table Mountain Radio Quiet Zone.

Sincerely,

Teresa Maraia
Telecommunications Specialist

cc: Federal Communications Commission, Mass Media Branch
R. Barth, DOC/RFMO
A. Vincent, ITS/NTIA

