Engineering Report

Rooney Moon Broadcasting, Inc.
One Step Upgrade - KSEL-FM

This consultant has been retained by Rooney Moon Broadcasting, Inc. for the purpose of preparing the technical portion of Form 301 in application for a one step, Class C1, upgrade for KSEL-FM in Portales, NM.

Allocation Considerations

A full search of the Commission's FM database reveals that Channel 290 C1 can be substituted for Channel 237 A in full compliance with all of the Commission's allocation criterion. Channel 290 C1 is mutually exclusive with Channel 237 A due to the IF spacing requirements of 47 CFR 73.207. The proposed operation is fully spaced to all other radio stations at the proposed tower site and that site is located 6.25 km from Portales which is well within the 50 km 70 dBu reference distance associated with a Class C1 radio station. As such, the proposed tower site is suitable as the allocation reference point. A copy of the search is included in this report as Exhibit 2.

Proposed Operation

It is proposed that KSEL-FM be combined into the same antenna as the co-owned operation of KSMX in Clovis, NM. The tower is registered and carries the registration number 1003344. The proposed operation illuminates the entire corporate boundaries of Portales, NM with predicted signal well in excess of the 70 dBu minimum prescribed by 47 CFR 73.315. A digitally generated map which shows the predicted service contours of the proposed KSEL-FM operation is included in this report as Exhibit 1.

Environmental Issues

Exhibit 3 of this report is an analysis of Non Ionizing RF Radiation which demonstrates that the site total is below the 0.2 mW/cm² limit prescribed by ANSI C-95.1.

Certification

All information in this report and its associated exhibits is true and accurate to the best of my belief. Having had numerous matters before the Commission, my qualifications are a matter of record.

April 7, 2004
Date

R. Lee Wheeler
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