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ENGINEERING REPORT

APPLICATION for MODIFICATION of CONSTRUCTION PERMIT
BMP-20060914AAA

KXLJ-AM
1330 kHz
JUNEAU, ALASKA

Facility ID 161171

10 kW Day, 3 kW Night

Seattle Streaming Radio, LLC

April, 2008

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Statement of Engineer

1. Purpose of Application

This Engineering Report is part of an application by Seattle Streaming Radio, LLC. for modification of Construction Permit BMP-20060914AAA. This Construction Permit authorizes construction of a new AM station on 1330 kHz an Juneau, Alaska, with diplexed operation from the antenna of KINY-AM. Following construction of the facilities authorized in the above Construction Permit, it was discovered that the antenna height specified in the license of KINY is incorrect. The specified tower height does not include the VHF-TV antenna mounted atop the tower, which is not electrically isolated, and is therefore part of the AM antenna. As the height specified in the previous KXLJ application was scaled from the KINY license data, it is also incorrect. This application corrects the height of the antenna, and reduces the nighttime power of KXLJ by 100 watts to maintain nighttime radiation within FCC limits.

2. Allocation Considerations

a. Daytime

There are no co-channel facilities within 1000 km of Juneau, and no facilities on protected adjacent channels within 800 km. Daytime allocation study maps would show only the contours of KXLJ, and are therefore not included in this Engineering Report. A copy of the channel spacing study is included in Exhibit 15.

b. Nighttime

Exhibit 16-1 contains point to point RSS calculations for every station where KXLJ enters the 10% RSS threshold. As demonstrated by this exhibit, KXLJ's proposed nighttime operation will not enter the 25% RSS of any facility, with the exception of an application for a new station on 1340 kHz at Fairbanks. The 25% RSS of the Fairbanks facility remains below 2 mV/m, including the contribution from KXLJ.

Coverage of City of License

Juneau is a borough of the State of Alaska. The Borough of Juneau covers 2716 square miles, making it larger than the State of Delaware. It is therefore a practical impossibility to cover all of Juneau with the required 5 mV/m contour. Waiver of §73.25(i) is respectfully requested, and believed to be fully justified. The specified transmitter site is located directly across a saltwater inlet from downtown Juneau, a site chosen to maximize coverage of the populated area of the borough. It should be noted that this application increases the daytime RMS authorized by BMP-20060914AAA from 1035 to 1052 mV/m/km, while maintaining the authorized nighttime RMS.

3. Facilities Proposed

This application seeks only to correct the antenna height specified in Construction Permit BMP-20060914AAA. No tower construction or modification is proposed.

The Antenna Structure Registration number for this tower is 1028325.

The population within the daytime blanketing contour is 203. (2000 Census)

The base of this antenna tower is not fenced. The tower is skirt-fed, and therefore grounded. All energized points of the feed system and skirt are at least 15 feet above ground, and inaccessible without a ladder.

6. Statement of Engineer

This Engineering Report, relative to a tower height correction for KXLJ-AM, Juneau AK has been prepared by the undersigned. All representations contained herein are true to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am an engineer in the firm of Hatfield and Dawson Consulting Engineers and am Registered as a Professional Engineer in the States of Washington and Oregon.

Signed this 29th day of April, 2008



Thomas S. Gorton, P.E.