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Engineering Statement

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This Engineering Statement has been prepared on behalf of Combined Communications, Inc. ("Combined"), permittee of LPTV station K41HA (Channel 41+) at Bend, Oregon. This allocation study has been prepared in connection with an application for power increase. It is proposed to modify K41HA to increase the maximum lobe ERP from 6.5 kW to 8.9 kW.

Cochannel

Study has been made of all cochannel operations within 300 km of the proposed K41HA operation. None are close enough to require detailed allocation study maps in the instant application.

First-Adjacent

There are two first-adjacent-channel translators in the vicinity: K66AZ Prineville (Ch 40 permit) and K42BR Terrebonne-Bend. The attached allocation study map demonstrates that the proposed K41HA facility results in a small amount of overlap caused to K66AZ (Ch 40 permit). Detailed Longley-Rice study has been made of the potential for interference caused to K66AZ (Ch 40 permit). The attached interference study maps depict the results of this analysis.

Interference is predicted to just 27 persons within the K66AZ (Ch 40 permit) 74 dBu contour which receive at least a 74 dBu F(50,50) signal from that facility. This figure represents just 0.06% of the K66AZ (Ch 40 permit) service population of 43,276 persons. Since this is less than 0.5% it is considered to round to zero per Commission policy.

N+7

There are no analog television stations on Channel 48 within 100 km of the proposed translator.

N-14 and N-15

There are no analog television on Channels 26 or 27, or translator stations on Channel 26, which are close enough to require detailed study.

Based on the foregoing allocation and interference study, it is believed that the proposed K41HA facility can operate without risk of interference to other stations.

November 17, 2004

Erik C. Swanson



