

EXHIBIT D

LONGLEY-RICE INTERFERENCE STUDIES
PROPOSED KUSE-LD
COMPANION LOW-POWER TELEVISION STATION
CHANNEL 46 – SEATTLE, WASHINGTON

We conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to facilities of concern. The software utilizes a 1-square kilometer cell size, calculates signal strength at 0.1 kilometer increments along each radial studied, and employs the 1990 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within the protected contour of the station under study where interference from another source (other than EBC Seattle's proposed KUSE-LD) already is predicted to exist (also known as "masking"). Our studies conclude that the facility proposed herein causes no significant new interference to any of the potentially affected stations.

As a result, it is believed that the proposed KUSE-LD facility complies with the requirements of Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030 of the Commission's Rules.