

EXHIBIT #1
ENGINEERING STATEMENT

Concerning the Application of
Nebraska Educational Telecommunications Commission
To
Change the Channel
Of Station K65AT, Neligh, Nebraska
BLTT-1914

September 16, 2003

Channel 50N

1.1 kW (H)

This engineering statement supports the application filed by the Nebraska Educational Telecommunications Commission to change the channel of TV translator station K65AT. This TV translator currently operates outside the core (channels 2-51) on channel 65, a channel on which it must be secondary to new licensed services. The Commission has traditionally treated such stations occupying channels outside of the core as "displaced", allowing the ownership to file for channel changes without waiting for a window. The applicant also proposes to increase the ERP from 0.89 kW to 1.1 kW and install an omni-directional antenna.

Allocation Study:

An allocation study has been included as exhibit #6. This study shows that channel 50 (686 Megahertz) is available for use at the K65AT transmitting antenna coordinates. Our analysis shows that K65AT can operate on channel 50 without the need for a frequency offset. The attached printout shows the "Margin" or the distance between the pertinent interference and protected signal contours as defined under Sections 74.705, 74.706, 74.707 of the Commission's rules.

R.F. Hazard compliance:

Exhibit #7 shows compliance with the Commission's R.F. radiation standards.

Page #2 of this Engineering Statement is a declaration made by the preparer, Doug Vernier, attesting to his qualifications.

Declaration:

I, Douglas L. Vernier, declare that I have received training as an engineer from the University of Michigan School of Engineering. That, I have received degrees from the University in the field of Broadcast Telecommunications. That, I have been active in broadcast consulting for over 30 years;

That, I have held a Federal Communications Commission First Class Radiotelephone License continually since 1964. In 1985, this license was reissued by the Commission as a lifetime General Radiotelephone license no. PG-16-16464;

That, I am certified as a Professional Broadcast Engineer (#50258) by the Society of Broadcast Engineers, Indianapolis, Indiana. (Re-certified 10/2000.)

That, my qualifications are a matter of record with the Federal Communications Commission;

That, I have been retained by the Nebraska Educational Telecommunications Commission, Lincoln, Nebraska to prepare the engineering showings appended hereto:

That, I have prepared these broadcast engineering showings, the technical information contained in same and the facts stated within are true of my knowledge;

That, under penalty of perjury, I declare that the foregoing is correct.



Douglas L. Vernier

Executed on September 18, 2003