

### **Engineering Statement and Interference Analysis**

This technical statement supports this application to modify BDFCDVL-20090114ACF for KSXC-LP, Channel 5, South Sioux City, NE, Facility ID 128012.

In this instant application, the Applicant is proposing to modify the Maximum Effective Radiated Power, the Transmitter Output Power and the Out-of-channel Emission Mask. The Applicant is requesting the Commission to process this proposal using the following Longley-Rice analysis settings:

- Cell Size for Service Analysis of 1.0 km per side
- Distance Increments for Longley-Rice Analysis of 1.0 km

This application does not cause any predicted interference to any of the other proposals. It is believed that the proposed facility complies with the requirements Sections 74.709, 74.793(e)-(h), 74.794(b), 73.1030 and other applicable parts of the Rules and Regulations of the Federal Communications Commission. However, to the degree that it is deemed necessary, the Applicant requests a waiver of these other applicable Commission rules in order to allow for the grant of this instant application.

#### **Digital TV Station Protection**

The proposed facility causes less than 0.5% interference to surrounding digital assignments and allotments and facilities (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

#### **Class A, Low Power TV and TV Translator Station Protection**

The proposed facility causes less than 0.5% interference to surrounding low power assignments and allotments (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.