

EXHIBIT E-1  
SPACING AND INTERFERENCE STUDY  
KRKI PROPOSED BOOSTER  
RAPID CITY, SOUTH DAKOTA  
CHANNEL 258D  
FCC FORM 349  
OCTOBER 2005

This application is filed on behalf of Michael Radio Group (“MRG”) licensee of KRKI-FM Newcastle, Wyoming. It proposes to modify its Construction Permit for KRKI-FM1 (BNPFTB-20050427AAF) for a new fill-in on channel booster station to operate at Rapid City, South Dakota.

MRG seeks to operate this booster from an existing antenna site near Rapid City with an effective radiated power of 1,200 watts both horizontal and vertical polarizations with an antenna height of 1176 Meters AMSL with a non-directional 2 bay half waved spaced Armstrong 737-2AC antenna system.

The new booster proposes fill-in service and the predicted 60 dbu (F50,50) will be entirely contained within the 60 dbu predicted contour of the current 60 dbu (F 50,50) KRKI Newcastle, Wyoming, operating on channel 258C0, with 100 KW ERP at 302 M HAAT. Figure 1 of this exhibit shows the proposed 60 dbu contour of the new booster at Rapid City and the current 60 dbu protected contour of KRKI Newcastle, Wyoming.

Figure 2 shows a channel spacing study for proposed booster station operating at the proposed new antenna site. It shows that a normal class A spacing study (a class A study was used since the proposed facility will operate with less than class A facilities) is only short spaced with KRKI Newcastle (the primary station). The new booster is also not IF channel short spaced towards any other stations.

It was concluded that the new proposed booster station at Rapid City will not cause any interference to any co-channel, first adjacent channel stations or IF adjacent channel stations.