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***B. W. St. Clair***

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## ENGINEERING EXHIBIT

### Description of Changes

The amendment is for the purpose of moving to a nearby tower at the same site. This is a new tower which will be available in the near future . As it is 18.3 meters in height no tower registration is required..

The radiation center above sea level is decreased from 2267 m to 2228 m. Accordingly the interference contours are contracted slightly as the result of this amendment..

This application was originally in Auction Group M193. An earlier amendment cleared the interference to three other applications. As this amendment reduces the potential for interference to other applications a new interference study was not performed.

This application will receive interference from BNPTTL-20000829ANH. However, this applicant agrees to accept this interference in the interest of remaining out of the auction group.

A plot of the 29 dBμ F50/10 contours for the application before and after this modification follows. The 29 dBμ contour was chosen because this is the interference limit for non-offset LPTV stations and represents the worst case in this situation where no full service stations are involved..

Respectfully submitted



B. W. St. Clair  
Engineering Consultant

**K05JU.A**

BMJPPT20000828AJR

Latitude: 40-41-53 N

Longitude: 115-54-13 W

ERP: 0.01 kW

Channel: 19+

Frequency: 503.5 MHz

Original AMSL Height: 2267.0 m

Modified AMSL Height 2228 m

Elevation: 2211.47 m

Horiz. Pattern: Directional

Time Variability: 10.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

Application BMJPPT-20000828AJR

Elko TV District., Elko, NV

26 dBμ F50/10 Contours before  
and after amendment

K05JU.AppIn

Contour after amendment

Contour before amendment

Scale 1:500,000

0 7 14 21 km

B. W. St. Clair ENGINEERING CONSULTANT