

Proposed
Sioux Falls SD
Latitude: 43-30-19 N
Longitude: 096-34-19 W
ERP: 7.50 kW
HAAT: 217.62 m
Channel: 7
Frequency: 177.0 MHz
AMSL Height: 645.9 m
Elevation: 412.1 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.75
Population: 287,587
(2000 US Census)

BPCDT-19991029ACY
SIOUX FALLS SD
Latitude: 43-29-20 N
Longitude: 096-45-40 W
ERP: 65.00 kW
HAAT: 126.0 m
Channel: 7
Frequency: 177.0 MHz
AMSL Height: 570.0 m
Elevation: 457.0 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.0
Population: 318,000
(Appendix B)

[illegible]

Exhibit 44.1
Proposed vs. Appendix B
Contour Study

Proposed
Sioux Falls SD
Latitude: 43-30-19 N
Longitude: 096-34-19 W
ERP: 7.50 kW
HAAT: 217.62 m
Channel: 7
Frequency: 177.0 MHz
AMSL Height: 645.9 m
Elevation: 412.1 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.75
Population: 287,587
(2000 US Census)

BDSTA20030429ABS
Sioux Falls SD
Latitude: 43-29-20 N
Longitude: 096-45-40 W
ERP: 0.022 kW
HAAT: 96.0 m
Channel: 07
Frequency: 177.0 MHz
AMSL Height: 540.0 m
Elevation: 458.73 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0
Population: 165,320
(2000 US Census)

BLCT19920703KE
Sioux Falls SD
Latitude: 43-29-20 N
Longitude: 096-45-40 W
ERP: 195.00 kW
HAAT: 151.0 m
Channel: 17-
Frequency: 490.5 MHz
AMSL Height: 592.0 m
Elevation: 457.0 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 0.8
Population: 193,477
(2000 US Census)

Munn-Reese, Inc.

