

TECHNICAL EXHIBIT
AMENDMENT TO PENDING
APPLICATION FOR CONSTRUCTION PERMIT
DTV STATION KCWV
DULUTH, MINNESOTA
CH 27 40 KW (MAX-DA) 207 M

Loss Area Analysis

The technical statement addresses the loss area that would be created by the proposed modification of KCWV assigned to the community of Duluth, Minnesota (See FCC File Number: BPCDT-20100308ABS). The application simply proposes to rotate the existing licensed KCWV transmitting antenna to provide better service into its community of license, Duluth. No change in transmitter site location, radiation center or maximum effective radiated power is proposed. KCWV is an independent commercial facility with no network affiliation.

Figure 1 is a map showing the gain and loss areas that would be created by this facility modification. Also shown on this map are the other full-service stations that would be available in the loss area.¹ As shown by the map, no part of the loss would have fewer than 5 licensed and authorized full-service stations providing predicted service. Therefore, no "white" (no services remaining) or "grey" (only one service remaining) is predicted to occur.

¹ The standard FCC propagation curves using the licensed or authorized facility parameters were employed to calculate the coverage contours. For full-service stations, the noise-limited contour was calculated.

Below is a tabulation of the loss and gain area statistics. All population values are from the 2000 U.S. Census. All service areas are based upon the noise-limited contour.

Existing Service

Population: 199,260 persons
Area: 11,650 km²

Proposed Service

Population: 203,300 persons
Area: 12,300 km²

Loss Area

Population: 1,710 persons
0.8% of Proposed Service Population
Area: 1,580 km²
12.8% of Proposed Service Area

Gain Area

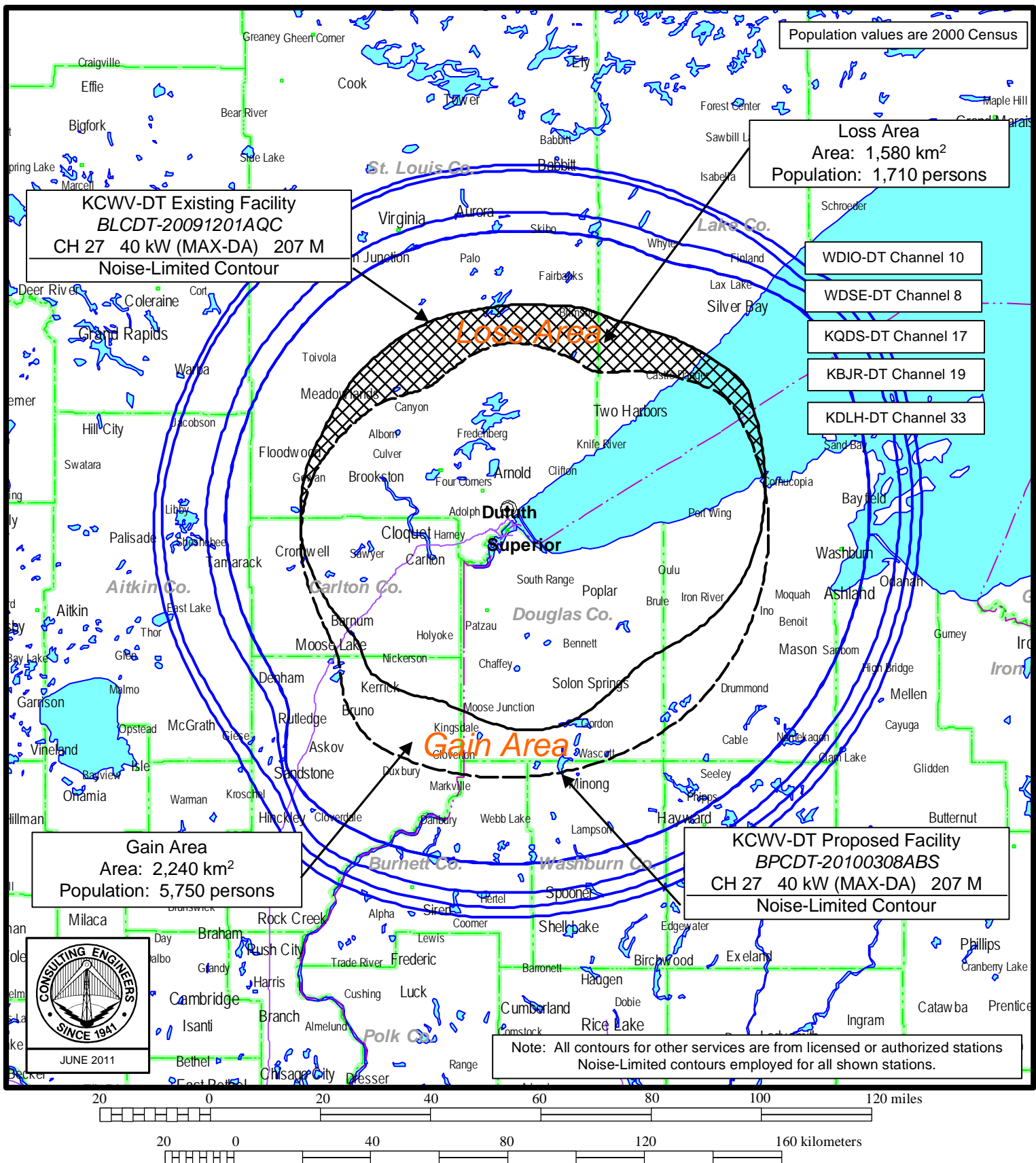
Population: 5,750 persons
2.8% of Proposed Service Population
Area: 2,240 km²
18.2% of Proposed Service Area

Charles A. Cooper

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du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
941.329.6000

Figure 1



KCWV LOSS AREA ANALYSIS

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KCWV-DT DULUTH, MINNESOTA

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du Treil, Lundin & Rackley, Inc Sarasota, Florida