

Northern Plains Baptist Church

Aberdeen, SD

Fair Distribution of Service

The applicant certifies that it qualifies for Section 307(b) Fair Distribution of Service preferences in the following categories:

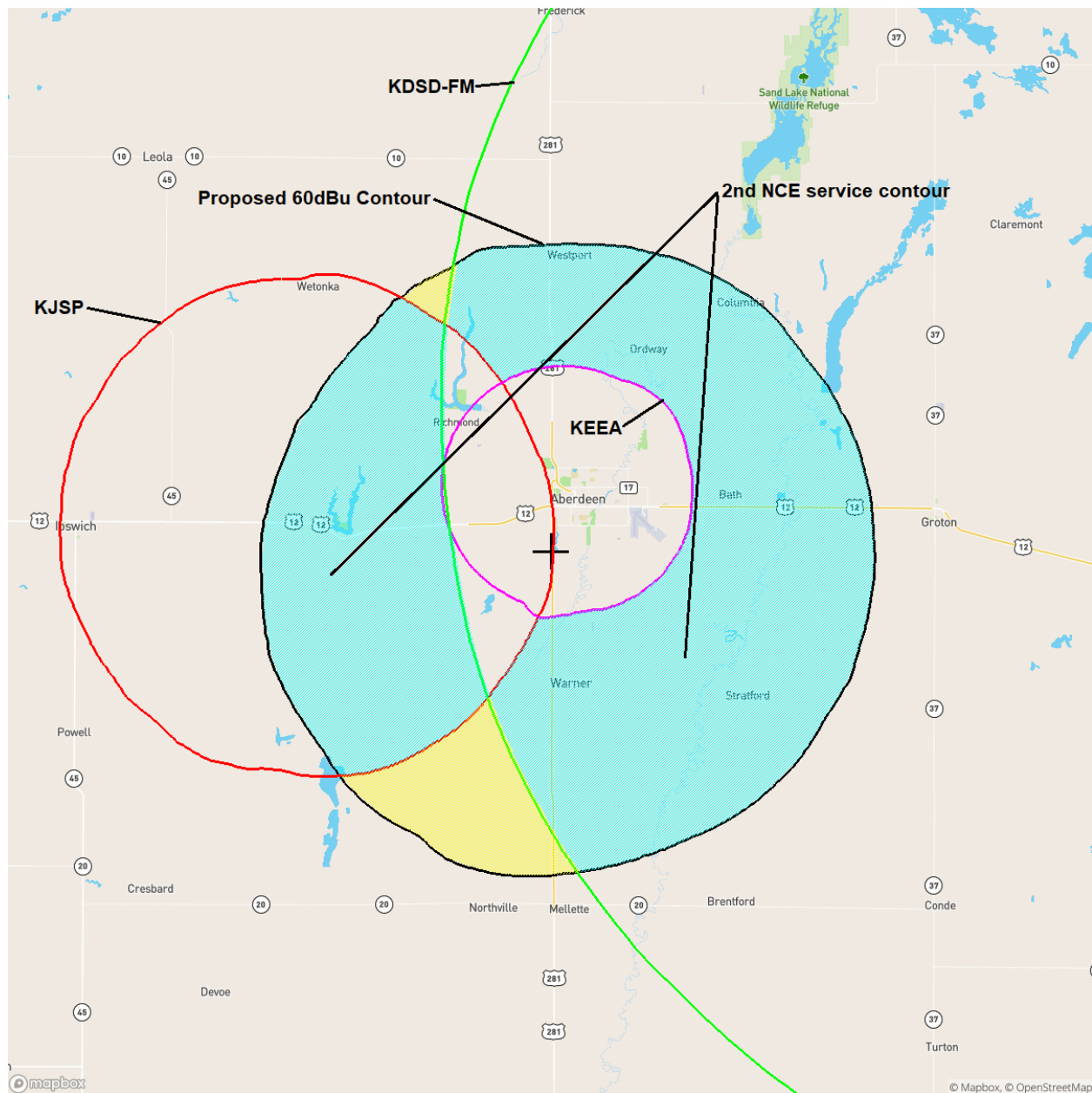
2nd NCE Service. The proposed facility will serve a population of 33,291 and an area of 2,130.10 sq km within its 60dBμ service contour, and will provide a 2nd NCE service to 3,470 persons (10.4%) and 1,571.52 sq km (73.7%).

Aggregate 1st and 2nd NCE Service. Adding both 1st and 2nd NCE services together, the proposed facility will provide coverage to 3,667 persons (11%) and 1,723.68 sq km (80.8%) of the proposed coverage area.

Stations considered:

-----OVERLAP-----							
CALLSIGN	CHAN	POPULATION	PCT	AREA		PCT	FAC ID
KSJP	205A	2,269	6.8	696.40	sq km	32.7	174859
KEEA	211A	29,274	87.9	346.96	sq km	16.3	122026
KDSD-FM	215C1	32,069	96.3	1,463.40	sq km	68.7	58324

The map below shows the area of coverage for 2nd NCE service:



Contour distances were calculated by using the contour calculation methods of 47 C.F.R. §73.313(c) referencing the NDGC 30 sec terrain database for elevation data, as implemented in the Commission's TVFMFS Fortran computer program. Contour distances from the proposed facility were calculated for each integral radial degree (360 total), with linear interpolation between values. Population data used block-level census populations from the US 2010 Census, counting all population using the centroid method approved by the Commission. Area was calculated by scanning for latitude/longitude points within the contour using a 0.04 sq km resolution, then adding the results together, excluding large bodies of water.