

***TECHNICAL EXHIBIT
APPLICATION FOR LICENSE***

Digital Low Power Television Facility K35KD-D
2.0 kW ERP DA / Channel 35
Fargo, North Dakota

Digital Networks-Midwest, LLC

September 2020

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JEREMY RUCK & ASSOCIATES, INC.

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9.23.2020

APPLICATION FOR LICENSE

The following engineering statement has been prepared for **Digital Networks-Midwest, LLC** (“Midwest”), licensee of analog low power television station K35KD at Fargo, North Dakota, and permittee of its associated flash-cut facility, and is in support of their application for license to cover construction of the flash-cut facility.¹ This application seeks to cover the construction permit for the facility that has been assigned LMS File No. 0000120958.

Under the referenced construction permit, the facility is authorized to operate on television channel 35 with a maximum effective radiated power of 2.0 kW at a center of radiation of 307.3 meters above mean sea level, 29.0 meters above ground level, utilizing a Kathrein-Scala PR-TV antenna. This antenna is oriented at an azimuth of 310 degrees true. Midwest has completed construction of the facility utilizing the authorized parameters. The installed equipment achieves the authorized effective radiated power.

The construction permit, as issued by the Commission, lists one special condition or restriction. This condition advises Midwest that the authorization in question is for low power television. As such, it is a secondary authorization. Midwest is cognizant of the interference requirements imposed on it by the construction permit, and will comply.

Midwest certifies that it will protect workers and other personnel from being exposed to levels of radiofrequency radiation in excess of the applicable safety standards, and will coordinate

¹ The Facility ID for K35KD at Fargo

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with all other users of the site. Coordination efforts will include, but are not necessarily limited to a reduction in transmitter power or cessation of operation.

The preceding statement has been prepared by me, or under my direction, and is true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature
License Expires November 30, 2021

Jeremy D. Ruck, PE
September 23, 2020

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