

***TECHNICAL EXHIBIT
APPLICATION FOR LICENSE***

Low Power Digital Television Station W36FK-D
3.0 kW ERP DA / Channel 36
Altoona, Pennsylvania

Digital Networks-Northeast, LLC

October 2021

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JEREMY RUCK & ASSOCIATES, INC.

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10.20.2021

1

APPLICATION FOR LICENSE

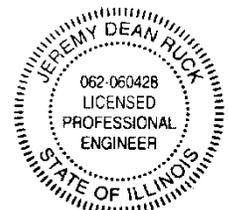
The following engineering statement has been prepared for **Digital Networks-Northeast, LLC** ("Northeast"), licensee of digital low power television station W36FK-D, currently licensed to Pittsburgh, Pennsylvania, and is in support of their application for license to cover an authorized modification to that facility.¹ This application is being filed to cover the construction permit assigned LMS File No. 0000157821. Additionally, this application also changes the city of license from Pittsburgh, Pennsylvania to Altoona, Pennsylvania.

Under the referenced construction permit, W36FK-D is authorized to operate on television channel 36 with a maximum effective radiated power of 3.0 kW at a center of radiation of 496.0 meters above mean sea level, 35.1 meters above ground, utilizing a composite directional antenna. This antenna consists of two Kathrein-Scala PR-TV antennas. One of these antennas is oriented at 135 degrees true, while the other is oriented at 270 degrees true. Equal power division is employed between the two constituent antennas. Northeast has completed construction of the facility using the authorized effective radiated power.

The construction permit, as issued by the Commission, lists one special condition or restriction. This condition advises Northeast that the authorization is a Low Power Television authorization, and as such, is secondary. Northeast is cognizant of the interference requirements imposed on it by the authorization, and will comply, as required.

Northeast 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 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
October 20, 2021

¹ The Facility ID for W36FK-D is 68082.

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2