

***TECHNICAL EXHIBIT***  
***APPLICATION FOR LICENSE***

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Low-Power Television Station WNGS-LD  
13 kW ERP / Channel 33  
Greenville, South Carolina

Digital Networks-Southeast, LLC

September 2018

## **APPLICATION FOR LICENSE**

The following engineering statement has been prepared for **Digital Networks-Southeast LLC** ("Digital Networks"), licensee of low power digital television station WNGS-LD at Greenville, South Carolina, and is in support of their application for license.<sup>1</sup> This application is being filed to cover the latest construction permit for that facility under LMS File No. 0000036167. That construction permit authorized a change in the location, channel, effective radiated power, and other associated technical parameters.

Under the specified construction permit, the facility is authorized to operate with a maximum effective radiated power of 13 kW at a center of radiation of 670 meters above mean sea level, 54 meters above ground level, utilizing an SWR SWLP120I directional antenna oriented at 240 degrees true. The applicant has completed construction of the facility utilizing these parameters. The installed equipment achieves the authorized effective radiated power, and operates with a full-service emission mask.

There is one special condition or restriction on the current construction permit. That condition advises that the authorization for WNGS-LD is secondary, and that WNGS-LD must not cause interference to full power facilities, and must accept interference from such stations. Digital Networks is cognizant of this special condition, and will comply with its requirements as necessary.

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

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<sup>1</sup> The Facility ID for WNGS-LD at Greenville, South Carolina is 190222.

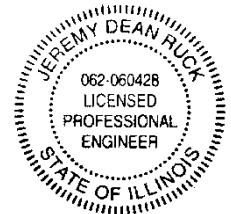
JEREMY RUCK & ASSOCIATES, INC.

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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, 2019

Jeremy D. Ruck, PE  
September 18, 2018

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