

***TECHNICAL EXHIBIT  
APPLICATION FOR LICENSE***

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Low Power Digital Television Station WRUG-LD  
1.7 kW ERP DA / Channel 26  
Baton Rouge, Louisiana

Digital Networks-Southeast, LLC

October 2021

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JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415  
Canton, IL 61520

Tel: 309.647.1200  
Fax: 855.332.9537  
jeremyruck.com

**10.5.2021**

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## **APPLICATION FOR LICENSE**

The following engineering statement has been prepared for **Digital Networks-Southeast, LLC** (“Southeast”), licensee of digital low power television station WRUG-LD, formerly WEAZ-LD, at Baton Rouge, Louisiana, and is in support of their application for license to cover an authorized modification to that facility.<sup>1</sup> This application is being filed to cover the construction permit assigned LMS File No. 0000135706.

Under the referenced construction permit, WRUG-LD is authorized to operate on television channel 26 with a maximum effective radiated power of 1.7 kW at a center of radiation of 53.2 meters above mean sea level, 30 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 60 degrees true, while the other is oriented at 270 degrees true. Equal power division is employed between these three antennas. Southeast 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 Southeast that the authorization is a Low Power Television authorization, and as such, is secondary. Southeast is cognizant of the interference requirements imposed on it by the authorization, and will comply, as required.

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<sup>1</sup> The Facility ID for WRUG-LD at Baton Rouge, Louisiana is 190207.

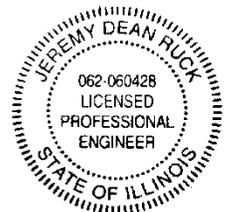
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Southeast certifies that it will protect workers and other personnel from being exposed to levels of radiofrequency radiation in excess of the applicable safety standards, and will coordinate with all other users of the site. Coordination efforts will 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 5, 2021

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Canton, IL 61520

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