

## **Family Stations, Inc.**

License to Cover Application for Facility ID, 20864, WJFR, Jacksonville, FL, ARN: 0000194171  
Special Operating Conditions Narrative Exhibit

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The Special Operating Conditions listed in the underlying construction permit are below. Listed under each requirement in bold type are the licensee's responses to each referencing supporting exhibits and attachments.

### *Special Operating Conditions or Restrictions*

*The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.*

***The applicant certifies that it will reduce power or cease operation as necessary to protect persons according to the language in the Special Operating Condition.***

*Further modifications of station WCRJ(FM) at Jacksonville, FL (Facility ID 48390) will not be construed as a "per se" modification of the facility at WJFR, Jacksonville, FL. (See Educational Information Corporation, 6 FCC Rcd 2207 (1991)).*

***The above requirement is understood by the applicant.***

*BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.*

***Attached to the application is the proof-of-performance from the antenna manufacturer.***

*BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee must submit a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance. This certification must*

*include a description of the method used by the surveyor to determine the azimuth(s) of the installed directional antenna system and the accuracy of that determination.*

***Attached to the application is the surveyor certification fulfilling the requirements of this Special Operating Condition.***

*BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.*

***Attached is a statement from a qualified engineer complying with requirements regarding the installation of the directional antenna system as required in the Special Operating Condition.***

*BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage provisions of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. Section 73.316(c)(2)(ix)(B)).*

***Attached is a map showing the coverage map using the composite pattern of the directional antenna, as installed and showing that the community of license of Jacksonville, FL is completely covered by the f(50,50) 60 dBu contour as set forth in 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. Section 73.316(c)(2)(ix)(B)).***

*The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 12 kilowatts. Principal minima and their associated field strength limits: 140 degree True: 2.15 kilowatts.*

***The attached antenna proof of performance verifies that the condition related to ERP and Principal minima required in the Special Operating Condition.***

Thus, the applicant has complied with all of the special operating conditions on the underlying construction permit, as required.

-End of Exhibit-