

**APPLICATION FOR A
MINOR CHANGE
CONSTRUCTION PERMIT
TO A LICENSED FACILITY
FCC FORM 301**

(Requesting Consideration under §73.215)

Facility Identification Number 8177

WJKK

Vicksburg, Mississippi

CHANNEL 254C1 – 98.7 MHz

ERP: 52.0 kW (H&V)

HAAT: 391.4 m (H&V)

APPLICANT: New South Radio, Inc.

November, 2002

Prepared by:



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Engineering Statement

In Support of a Application For a Construction Permit

WJKK, Vicksburg Mississippi, Channel 254C1

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ENGINEERING STATEMENT

Of

Lee S. Reynolds

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Virgle Leon Strickland

In Support of an

Application for a

Construction Permit

WJKK

Vicksburg, Mississippi

Channel 254C1 – 98.7 MHz

ERP: 52.0 kW(H&V)

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General

As broadcast technical consultants doing business as Reynolds Technical Associates (“RTA”), we have been authorized by New South Radio, Inc. (herein referred to as “New South” as well as “The Applicant”), licensee of WJKK, Vicksburg, Mississippi, to conduct engineering studies and prepare the engineering portion of an application for a construction permit.

This instant application is seeking to change transmitter location and elevation of the transmitting antenna.

The Proposed Site
(Exhibits E, Figure 1 through 5)

Exhibit E, Figure 1 is a channel spacing study for the proposed, showing the facilities considered.

Exhibit E, Figure 2 is the terrain averaging and contour study for the proposed facility.

The Commission's web site, <http://www.fcc.gov/fcc-bin/audio2?x=fmpower.html>, was used to determine the ERP for a Class C1 operating at 391.4 meters HAAT. The results was 52 kilowatts.

Exhibit E, Figure 3 is the service contour map displaying the FCC F(50,50) 70 and 60 dBu contours of the proposed.

Exhibit E, Figure 4 is a vertical sketch of the proposed antenna supporting structure.

The proposed change is on an existing tower; therefore, a proposed site map is not being submitted. The Antenna Structure Registration Number of the tower is 1046007.

The distance to the blanketing contour is calculated to be 2.841 kilometers (1.767 miles).

Exhibit E, Figure 5 is a list of broadcast facilities within 16 kilometers of the proposed facility.

Protected and Interfering Contours
(Exhibits E, Figure 6 through 10)

Exhibit E, Figure 6 is a map displaying the protected and interfering contours of WJKK, KKST and the allocation of 255C3 to Franklinton, Louisiana.

Exhibits E, Figures 7 and 8 are FM overlap studies demonstrating the protected and interfering contours of WJKK and KKST (using 3-second data).

Exhibits E, Figures 9 and 10 are FM overlap studies demonstrating the protected and interfering contours of WJKK and Allocation of 255C3 in Franklinton, Louisiana (using 3-second data).

Human Exposure
(Exhibit E, Figure 11)

The proposed FM facility was evaluated in terms of potential radiofrequency radiation exposure at ground level in accordance with the FCC Guidelines.

Exhibit E, Figure 11 demonstrates the proposed is in compliance with the controlled/occupational limit, as well as the uncontrolled/general public limit of the Commission's guidelines.

An agreement is in effect that if anyone is required to climb the tower, all facilities on the tower will either reduce power or cease operation, so as to prevent hazardous exposure to radiofrequency radiation.

Environmental Impact
(No Exhibits)

A grant of the proposed construction would not constitute a major action as defined in the Commission's Rules and Regulations.

During operation, the facility will produce no chemical or significant thermal pollution, and no ionizing radiation will be generated. Areas of high intensity radiofrequency fields will be confined to the immediate area of the transmitting antenna, far above the ground and away from any human and wildlife population.

The area is not officially designated as a wilderness area or wildlife preserve and is not pending consideration. The area has no significant value in American history, architecture, archaeology, or culture, which is listed in the Register of Historic Places,

and it is not eligible for listing. It is not recognized either nationally or locally for special scenic or recreational value.

Conclusion

This statement/application has been prepared for The Applicant by utilizing the latest available information, cross-checked with the Federal Communications Commission and other sources. Therefore, it is submitted that the proposed is in compliance with the Commission's Rules and Regulations and other sources. The engineering data compiled and demonstrated herein for the proposed is in compliance with Commission's Rules and Regulations at the time of this application's filing date. We welcome the opportunity to discuss with the staff of the Federal Communications Commission the engineering data contained in this application. Should any questions arise concerning the information, please contact us.

The following pages are exhibits prepared and assembled in support of the proposed.

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Statement of the Consultants

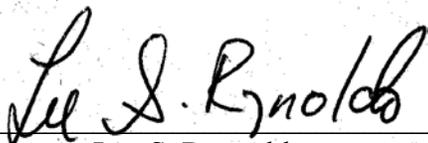
The instant engineering statement was prepared for New South Radio, Inc. (“The Applicant”) and supports an application for a construction permit of WJKK, Vicksburg, Mississippi. It was developed by RTA and may not be used for purposes other than submission to the Commission by The Applicant.

It may not be reproduced in its entirety, or in part, by anyone (other than from the Commission) without the written consent of RTA.

It is prepared for The Applicant under contractual agreement, and its certification by RTA is used accordingly. If The Applicant fails in its contractual obligation, RTA reserves the right to withdraw its certification.

The information in this application is compiled from the most recent Commission and outside data. RTA is not responsible for errors resulting from incorrect data or unpublished rule and procedure changes.

For RTA:



Lee S. Reynolds

November 26th, 2002

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