

FEDERAL COMMUNICATIONS COMMISSION
445 TWELFTH STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

ENGINEER: CHARLES N. (NORM) MILLER
TELEPHONE: (202) 418-2767
FACSIMILE: (202) 418-1410
E-MAIL: charles.miller@fcc.gov

February 26, 2010

Barry S. Persh, Esq.
Dow Lohnes PLLC
1200 New Hampshire Avenue NW, Suite 800
Washington, DC 20036-6802

Re: WPLN-FM, Nashville, Tennessee
Facility Identification Number: 53821
Nashville Public Radio
Special Temporary Authority
Hybrid IBOC Digital Operation

Dear Counsel:

This is in reference to the request filed February 19, 2010, on behalf of Nashville Public Radio ("NPR"). NPR requests special temporary authority ("STA") to operate Station WPLN-FM with increased digital effective radiated power ("ERP"), pursuant to the Media Bureau's January 25, 2010, *Order* in MM Docket No. 99-325 ("*Order*").

Our review indicates that the notification requirements of the *Order* have been satisfied, and that the proposed operation complies with the requirements of the *Order*.

Accordingly, the request for STA IS HEREBY GRANTED. Station WPLN-FM may operate with increased digital ERP, as follows:

Analog ERP 80 kW (H&V)
Digital ERP 1.6 kW (H&V)

Transmitter Power Output ("TPO") shall be maintained within 90% and 105% of the following¹:

Analog TPO: 21.66 kW
Digital TPO: 1.6 kW
Combined TPO: 20.4 kW²

¹ See 47 CFR Section 73.1560(a).

² Station WPLN-FM employs a "mid-level" combining system, in which one transmitter produces 20.4 kW of analog signal and a second transmitter produces a combined output consisting of 1.6 kW of digital signal and 1.26 kW of analog. Combiner losses are approximately 0.346 dB for the analog signal and 6 dB for the digital signal, resulting in

NPR must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines; *See* 47 CFR § 1.1310. It may be necessary to reduce the power of the digital signal or cease hybrid operation if interference complaints are received. Pursuant to 47 CFR Section 73.1635(b), this authority may be modified or cancelled by the Commission without notice or right to hearing. NPR must post a copy of this authority with the station license.

This authority expires on **August 26, 2010**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Charles N. Miller".

Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: Nashville Public Radio

a combiner output of 20 kW analog and 0.4 kW digital, totalling 20.4 kW.