

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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May 11, 2007

Randy J. Dunn, President
Murray State University
218 Wells Hall
Murray, Kentucky 42071-3318

Re: WKMS-FM, Murray, Kentucky
Facility Identification Number: 47080
Murray State University
Special Temporary Authority
Hybrid IBOC Digital Operation

Dear Mr. Dunn:

This is in reference to the request filed April 24, 2007, on behalf of Murray State University ("MSU"). MSU requests special temporary authority ("STA") to operate Station WKMS-FM with a hybrid digital signal,¹ pursuant to the *First Report and Order* in MM Docket No. 99-325 ("*Report and Order*").² MSU proposes operation with separate analog and digital antennas, pursuant to the Public Notice issued March 17, 2004 ("Public Notice").³ Our review indicates that the proposed operation complies with the requirements of the Public Notice.

Accordingly, the request for STA IS HEREBY GRANTED. Station WKMS-FM may operate with a hybrid digital signal as defined in the *Report and Order*.⁴ The digital signal will be transmitted via licensed auxiliary antenna BXLED-20070420AAL. The digital transmitter power output will be 0.57 kilowatt. The analog transmitter power output will be 19.5 kilowatts. MSU

¹ WKMS-FM is licensed for analog operation on Channel 217C1 (91.3 MHz) with effective radiated power of 100 kilowatts (H&V) and antenna height above average terrain of 183 meters.

² *Digital Audio Broadcasting Systems and Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325, *First Report and Order*, (October 11, 2002).

³ *Public Notice*, "Use of Separate Antennas to Initiate Digital FM Transmissions Approved", MM Docket No. 99-325, DA 04-712 (October 17, 2004).

⁴ See *Report and Order*, Appendix B.

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. Pursuant to 47 CFR Section 73.1635(b), this authority may be modified or cancelled by the Commission without notice or right to hearing. MSU must post a copy of this authority with the station license. Any subsequent modification of the licensed analog facilities will require a modification of this authority.

This authority expires on **November 11, 2007**.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles N. Miller". The signature is fluid and cursive, with a long horizontal stroke at the end.

Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: Murray State University