FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
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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

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[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,

Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: Murray State University