

Stamp and Return

Thomas J Kigin
Executive Vice President
Chief Administrative Officer
General Counsel

Minnesota
Public
Radio



September 26, 2005

Marlene H Dortch, Secretary
Federal Communications Commission
Digital Radio Notification
445 Twelfth Street, SW
Room 2-B450
Washington, DC 20554

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Federal Communications Commission
Office of Secretary

RE: KNOW-FM, Minneapolis-Saint Paul, MN
Facility Identification Number: 42949
Notification of Digital Operation and Request for STA

Dear Ms. Dortch:

Minnesota Public Radio ("MPR") hereby notifies the Commission of the intended commencement of digital broadcasting using iBiquity Digital Corporation's HD Radio™ technology on a separate-antenna system. Pursuant to MM Docket No. 99-325 issued by the Commission as DA 04-712 on March 17, 2004, MPR here supplies the following information and requests Special Temporary Authority ("STA") to commence IBOC operations using a separate-antenna system.

1. Date. MPR plans to commence digital broadcasts on October 7, 2005.
2. Certification of Facilities. MPR hereby certifies its facilities conform to the iBiquity Digital Corporation hybrid specifications.
3. Technical Reference. In the event of interference, questions should be directed to MPR's technical representative:

Name: Michael Hendrickson (primary contact)
Doug Thompson (secondary contact)

Phone number: 651-290-1500

4. Transmitter Power Output.

Analog: 22.9 kilowatts
Digital: 2.65 kilowatts

5. Certification of ERP. MPR hereby certifies its analog effective radiated power will remain as authorized after commencement of digital operations.

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45 East Seventh Street, Saint Paul, MN 55101

Phone 651 290 1554 Fax 651 290 1243 www.mpr.org tkigin@mpr.org

6. Radiation Exposure Certification. MPR hereby certifies that its interim digital operations will not cause human exposure to levels of radio frequency radiation in excess of Section 1.1310 of the Commission's rules and is therefore categorically excluded from environmental processing pursuant to Section 1.1306(b).
7. Geographical data etc. The geographical coordinates, elevation data and license file number of the auxiliary antenna to be employed for digital transmissions are as follows:

Geographical coordinates: North Latitude: 45-03-44
West Longitude: 93-08-21

Elevation Data: HAAT: 241 meters


License file number: BLED-940711KZ

8. The system MPR is using for KNOW does not employ interleaved antenna bays.

MPR is currently operating KNOW main antenna at a HAAT of 304 meters pursuant to an STA (a copy of the most recent STA grant is attached). The auxiliary antenna used in this system is therefore within 79% of the height above average terrain of the main antenna, which complies with the prescribed 70-100% main-to-auxiliary height ratio for dual antenna HD systems. When MPR is able to move its main antenna back up to its authorized height, the height above average terrain of the auxiliary antenna will be less than 70% of the HAAT of the main antenna. At that time, we intend to convert this system to a single antenna. Actual operations proposed here comply in all respects with the FCC's prescribed dual antenna operating parameters. If waiver of the 70-100% ratio requirement is deemed necessary, it is respectfully requested.

Any questions concerning this notification should be directed to Mitzi T Gramling at (651) 290-1259, mgramling@mpr.org or at 45 East Seventh Street, Saint Paul, MN 55101.

Sincerely,


Thomas J Kigin
Executive Vice President

Cc: Anne Gallagher

FEDERAL COMMUNICATIONS COMMISSION
445 TWELFTH STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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ENGINEER: CHARLES N. (NORM) MILLER
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August 18, 2005

Mitzi T. Gramling, Esq.
Associate General Counsel
Minnesota Public Radio
45 East Seventh Street
Saint Paul, Minnesota 55101-2274

Re: KNOW-FM, Minneapolis-Saint Paul, Minnesota
Facility Identification Number : 42949
Minnesota Public Radio
Special Temporary Authorization

Dear Counsel:

This is in reference to your letter dated June 16, 2005, filed on behalf of Minnesota Public Radio (MPR). MPR requests further extension of the special temporary authority (STA) originally granted on July 20, 2000, to operate Station KNOW-FM with reduced antenna height.¹

In support of the request, MPR provides a report of its progress toward restoring licensed operation to Station KNOW-FM following the relocation of its antenna to a lower position on the licensed tower due to digital television construction at the site. MPR states that it continues to work with the other parties involved to finalize plans for the relocation of the KNOW-FM antenna to its licensed height, either on the licensed tower or an adjacent tower. MPR states that, although it has taken all steps that it can to expeditiously resolve the matter, plans have not yet been finalized.

Requests for extension of STA will be granted only where the licensee can show that one or more of the following criteria have been met:

- Restoration of licensed facilities is complete and testing is underway;
- Substantial progress has been made during the most recent STA period toward restoration of licensed operation; or
- No progress has been made during the most recent STA period for reasons clearly beyond

¹ KNOW-FM is licensed for operation on Channel 216 (91.1 MHz) with effective radiated power of 100 kilowatts (H&V) and antenna height of 400 meters above average terrain. The geographic coordinates of the licensed site are 45° 03' 44" NL, 93° 08' 21" WL (NAD 1927).

the licensee's control, and the licensee has taken all possible steps to expeditiously resolve the problem.

Our review indicates that the licensee has been prevented restoring licensed operation due to causes beyond its control. Thus, extension of STA is warranted.

Accordingly, the request for extension of STA IS HEREBY GRANTED. Station KNOW-FM may continue to operate at its licensed site with reduced power and/or antenna height. MPR 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.

This authority expires on **February 18, 2006**.

Sincerely,

A handwritten signature in cursive script, appearing to read "Charles N. Miller".

Charles N. Miller, Engineer
Audio Division
Media Bureau