DUPLICATE

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July 19, 2000

BY HAND

Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
12th Street Lobby, TW-A325
Washington, DC 20554

Re: KNOW-FM, Minneapolis-Saint Paul, MN
Facility ID No. 42949
Minnesota Public Radio
Request for Special Temporary Authority

Dear Ms. Salas:

On behalf of Minnesota Public Radio ("MPR"), the licensee of KNOW-FM, Minneapolis-Saint Paul, Minnesota, this is to request special temporary authority to operate at variance with licensed parameters due to the temporary loss of antenna tower space.

MPR has been notified by the owner of the broadcast tower used by KNOW-FM that on or about August 1, 2000, the station's antenna will be moved from its currently licensed height of 370 meters (center of radiation above ground level) to a height of 287 meters (COR AGL) on the same tower. The relocation is being caused by the planned construction of a new digital television station.

Pursuant to this request for STA, MPR proposes to operate KNOW-FM temporarily with the following technical parameters:

ERP:	100 kW	(no change from facility as licensed)
TPO:	22.9 kW	(versus licensed TPO of 24.5 kW)
COR HAGL:	942 feet (287 m)	(versus licensed COR HAGL of 1214 feet or 370 m)
Line Length:	1073 feet (327 m)	(versus current line length of 1348 feet or 411 m)

No changes will be made to the station other than to lower the antenna's height. The antenna is an ERI FMH-10AC antenna in ten sections, circularly polarized. The transmitter is a Harris HT30, and the transmission line is an Andrew HJ11-50B. An engineering study demonstrating compliance with the Commission's guidelines for exposure to RF radiation is attached to this letter request.

The tower site owner has made a commitment to MPR in writing of its intent to return KNOW-FM as promptly as possible to a new spot high on the current tower or on a neighboring tower. The parties hope to design and construct a combined FM panel antenna, which would accommodate KNOW-FM. As soon as the plans for the relocation are finalized, if necessary, MPR would file a modification application with the Commission. Accordingly, this STA is necessary to permit KNOW-FM to operate with temporary facilities until the station can resume service at its licensed height.

Because MPR is a noncommercial, educational licensee, no filing fee is required with this request. An Anti-Drug Abuse Act Certification form is attached.

Please contact this office if there are any questions.

Respectfully submitted,

Todd M. Stansbury

cc: Edward P. DeLaHunt, FCC (by hand)

R.F. RADIATION COMPLIANCE STATEMENT

KNOW (FM)

Saint Paul, Minnesota

July 19, 2000

The antenna at its new height will be energized such that it produces 100 kW effective radiated power, circularly polarized, from a center of radiation of 287 meters above ground. Using the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 (**"Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services"**) a total, head height, non-ionization radiation level of 16.5 microwatts per square centimeter was calculated. This calculation uses the ERI FMH series element and array patterns in the same format as measured by the E.P.A. The calculated value amounts to only 8.23 percent of the maximum for an uncontrolled area. (200 microwatts per centimeter maximum.)

Since the total power into the antenna produces less than 8.23 percent of the maximum for an uncontrolled area at head height additional analysis was deemed unnecessary. The applicant will protect workers on the tower by either reducing ERP or terminating transmission. An agreement is in effect with the other users of this tower at this location to reduce power or to terminate operations to protect workers from receiving in excess of the Commission's standard.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's rules and regulations with regard to human exposure to radiofrequency electromagnetic fields.

Exhibit

Anti-Drug Abuse Act Certification

The applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §853a, or, in the case of a non-individual applicant (eg corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. §1.2002 (b).

Yes [X] No [ ]

Minnesota Public Radio

Thomas J Kigin

Thomas J Kigin, Executive Vice President

July 18, 2000
Date

antidrug