

HUMAN EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELD (ENVIRONMENTAL)

EMMIS RADIO LICENSE, LLC PROPOSES TO CORRECT THE GEOGRAPHIC COORDINATES AND GROUND ELEVATION OF THE TOWER WHICH SUPPORTS THE COMMUNITY ANTENNA USED BY KIHT AND SEVERAL OTHER STATIONS. KIHT OPERATES UPON A SUPPORT STRUCTURE IDENTIFIED BY ANTENNA STRUCTURE REGISTRATION NUMBER 1020785.

THE ATTACHED APPLICATION ALSO SEEKS TO INCREASE THE ERP OF KIHT FROM 80 KW TO 92 KW RULES. NO CHANGE IN STRUCTURE HEIGHT IS PROPOSED, THUS NO CHANGE IN CURRENT STRUCTURE MARKING AND LIGHTING REQUIREMENTS IS ANTICIPATED. THEREFORE, IT IS BELIEVED THAT THIS APPLICATION MAY BE EXCLUDED FROM ENVIRONMENTAL PROCESSING PURSUANT TO § 1.1306 OF COMMISSION'S RULES.

THE SEPTEMBER 2009 AMENDMENT TO AN APPLICATION (BPH-20081121ALQ) FOR A CONSTRUCTION PERMIT TO RELOCATE THE TRANSMITTER SITE OF KPNT(FM) - COLLINSVILLE, ILLINOIS TO THIS TOWER INCLUDED DATA ON MEASUREMENTS WHICH WERE CONDUCTED IN 2006 TO DOCUMENT THAT THIS SITE CURRENTLY EASILY COMPLIES WITH THE FCC STANDARD FOR HUMAN EXPOSURE TO NONIONIZING RADIATION, AS WELL AS ADDITIONAL CALCULATIONS TO DOCUMENT THAT THE FUTURE ADDITION OF KPNT TO THIS SITE WOULDNT ADVERSELY IMPACT THIS COMPLIANCE. SINCE NO ACTUAL CHANGES ARE PROPOSED IN THIS APPLICATION, THIS SITE WILL CONTINUE TO COMPLY WITH THIS EXPOSURE STANDARD.

THE COMBINED ERP OF THE NINE FM STATIONS BROADCASTING FROM THIS COMMUNITY ANTENNA HAVE A COMBINED EFFECTIVE RADIATED POWER OF 835 KW. THE PROPOSED KIHT POWER INCREASE WILL INCREASE THE OVERALL EFFECTIVE RADIATED POWER BY 1.4 PERCENT TO 847 KW. THE HIGHEST MEASURED NONIONIZING RADIATION FIELD MEASURED DURING THE 2006 TEST WAS 2.25 % OF THE MAXIMUM OCCUPATIONAL EXPOSURE LEVEL. THE PROPOSED KIHT POWER INCREASE WILL CONTRIBUTE LESS THAN 0.05 PERCENT TO THE OVERALL NONIONIZING RADIATION LEVEL. THIS IS WELL BELOW THE FIVE PERCENT THRESHOLD LIMIT DESCRIBED IN 1.1307(B) REGARDING SITES WITH MULTIPLE EMITTERS, WHICH EXCLUDES APPLICANT FROM RESPONSIBILITY FOR TAKING ANY CORRECTIVE ACTION IN AREAS WHERE THE PROPOSAL'S CONTRIBUTION IS LESS THAN FIVE PERCENT.

CURRENTLY NINE FM STATIONS SHARE AN EXISTING ANTENNA WITH A CENTER OF 325 METERS ABOVE GROUND LEVEL. THOSE STATIONS ARE LISTED BELOW. ALSO INCLUDED WITH THIS EXHIBIT IS AN RFR COMPLIANCE STATEMENT FOR THE PROPOSED TOWER SITE SHOWING THE RESULTS FOR MEASUREMENTS TAKEN ON NOVEMBER 11, 2006 USING A NARDA 8718B WITH 8742D FREQUENCY SHAPED PROBE (300KHZ TO 3 GHZ) SERIAL NUMBER: 1101.

FURTHER, THE APPLICANT WILL SEE THAT SIGNS ARE POSTED IN THE VICINITY OF THE TOWER, WARNING OF POTENTIAL RADIO FREQUENCY HAZARDS AT THE SITE. THE SITE

ITSELF IS RESTRICTED FROM PUBLIC ACCESS. THE APPLICANT WILL COOPERATE WITH OTHER USERS OF THE TOWER TO REDUCE POWER OF THE FACILITY, OR DISCONTINUE OPERATION, AS NECESSARY TO LIMIT HUMAN EXPOSURE TO LEVELS LESS THAN SPECIFIED BY THE FEDERAL COMMUNICATIONS COMMISSION SHOULD ANYONE BE REQUIRED TO CLIMB THE TOWER FOR MAINTENANCE OR INSPECTION.

LIST OF STATIONS CURRENTLY SHARING A TRANSMIT ANTENNA AT 325 METERS AGL:

Call Sign	Facility_id	Freq	Channel	ERP_w	ARN
KLOU	9626	103.3	277	90000	BLH-20071212ABJ
KSIV-FM	4276	91.5	218	85000	BLED19960717KA
KEZK-FM	13507	102.5	273	100000	BLH19870316KB
KSHE	19523	94.7	234	100000	BLH19870504KB
KSLZ	48960	107.7	299	100000	BLH19871209KD
KFUO-FM	65924	99.1	256	100000	BLH19881115KB
KYKY	20358	98.1	251	90000	BLH19890112KA
WARH	74577	106.5	293	90000	BLH19890509KC
KIHT	27022	96.3	242	80000	BLH19960605KE

RFR Compliance Statement for ATC McKenzie Rd. Site
ASR# 1020785
11-7-06

Measurements made by: Dan Mettler SVPE Clear Channel Radio

Sam Caputa DOE Emmis St. Louis

Christian Vang CE Clear Channel Radio St. Louis

Meter: Narda 8718B with 8742D frequency shaped probe (300Khz to 3 Ghz) Serial number: 1101

Measurements points made were duplicated from the previous measurements made 9-192004. All measurements are in % of occupational exposure and are the maximum value observed, and were made with all stations operating at full licensed power.

General Public areas

1) Road to tower	1.510%
2) Perimeter of Fence around building and tower	.5437%
3) South outer guy anchor	2.137%
4) South Inner guy anchor	1.326%
5) Northeast outer guy anchor	2.250%
6) Northeast inner guy anchor	.8526%
7) West outer guy anchor	1.471%
8) West inner guy anchor	.6171%

Occupational Areas

Inside Building (hallways, and combiner room)	1.492%
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(max. measurement was observed at the end of the 99.1Mhz hybrid) Grounds surrounding building

(inside fence) .4762%