DrinkerBiddle&Reath LLP

Alisa R. Lahey
202-230-5168
alisa.lahey@dbr.com

Law Offices
1500 K Street, N.W.
Washington, DC
20005-1209

202-842-8800 phone
202-842-8465 fax
www.drinkerbiddle.com

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May 3, 2011

Via Hand Delivery

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
The Portals, Room TW-A325
445 12th Street, SW
Washington, D.C. 20554

Re: Townsquare Media Cheyenne License, LLC
KGAB(AM), Orchard Valley, WY, Facility No. 30224
Second Amendment to BMML-20101015ACO

Dear Ms. Dortch:

On behalf of Townsquare Media Cheyenne License, LLC, the licensee of AM broadcast station KGAB, Orchard Valley, WY, this is to amend the above-referenced, pending application in response correspondence with the FCC staff.

Please contact Howard Liberman of this firm at 202-842-8876 or me with any questions.

Sincerely,

Alisa R. Lahey

Alisa R. Lahey

cc: Ann Gallagher, Audio Division, Media Bureau (via e-mail)

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant
TOWNSQUARE MEDIA CHEYENNE LICENSE, LLC

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☑ Station License ☐ Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
KGAB		650	UNLIMITED	0.5	8.5

2. Station location	
State	City or Town
WYOMING	ORCHARD VALLEY

3. Transmitter location			
State	County	City or Town	Street address (or other identification)
WY	LARAMIE	CHEYENNE	2002 TERRY RANCH RD

4. Main studio location			
State	County	City or Town	Street address (or other identification)
WY	LARAMIE	CHEYENNE	1912 CAPITAL AVENUE

5. Remote control point location (specify only if authorized directional antenna)			
State	County	City or Town	Street address (or other identification)
WY	LARAMIE	CHEYENNE	1912 CAPITAL AVENUE

6. Has type-approved stereo generating equipment been installed? ☐ Yes ☑ No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68? ☑ Yes ☐ No ☐ Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed. Exhibit No.

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
3.28	21.2
Measured antenna or common point resistance (in ohms) at operating frequency Night: 50 Day: 19.0	Measured antenna or common point reactance (in ohms) at operating frequency Night: 0 Day: -J76.3

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
1 EAST	130.9		0.577			
2 CENTER	0.0 REF		1.00 REF			
3 WEST	-133.2		0.486			

Manufacturer and type of antenna monitor: POTOMAC INSTRUMENTS AM19 (TYPE 204)

Twr	Node	Current Magnitude (amperes)	Current Magnitude Ratio	Current Phase (degrees)	WCAP Current Offset for Unity I_{BASE}	WCAP Phase Offset for Unity $Ø_{BASE}$ (degrees)	Antenna Monitor Ratio	Antenna Monitor Phase (degrees)
1	1	5.39	0.554	132.1	1.075	+0.07	0.577	+130.9
2	21	9.73	1.00 Ref	0.9	1.032	+0.24	1.000	0.0
3	41	4.79	0.492	-132.0	1.018	-.04	0.486	-133.2

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WESTBERG CIRCUIT ANALYSIS PROGRAM

FILE NAME = kgab-1n.cir

I      5.7960     0     1  132.1060      .0000      .0000
R      1.0000     1     2      .0000      .0000      .0000
L      7.0000     2     3      .0000      .0000      .0000
C       .0001     3     0      .0000      .0000      .0000
C       .0001     3     0      .0000      .0000      .0000
R      1.7540     3     0 -102.6000      .0000      .0000
EX      .0000     0     0      .0000      .0000      .0000


FREQ =   .650

  NODE       VOLT MAG      VOLT PHASE
    1        387.5488         44.2630
    2        387.3739         43.4063
    3        553.0429         43.0167
                          BRANCH VOLTAGE       BRANCH CURRENT FROM NODE IMPEDANCE  TO NODE IMPEDANCE
                          MAG      PHASE       MAG      PHASE RESISTANCE REACTANCE RESISTANCE REACTANCE
VSWR
 R     1-  2      1.000      5.80   132.106      5.80   132.106      2.52    -66.82      1.52    -66.82
 L     2-  3      7.000    165.70  -137.894      5.80   132.106      1.52    -66.82      1.52    -95.41
 C     3-  0       .000    553.04    43.017       .18   133.017       .00  -3060.67       .00       .00
 C     3-  0       .000    553.04    43.017       .23   133.017       .00  -2448.54       .00       .00
 R     3-  0      1.754    553.04    43.017      5.39   132.037      1.75   -102.60       .00       .00


WESTBERG CIRCUIT ANALYSIS PROGRAM

FILE NAME = kgab-2n.cir

I     10.0410     0     1    1.1623      .0000      .0000
R      1.0000     1     2      .0000      .0000      .0000
L      1.3500     2     3      .0000      .0000      .0000
C       .0001     3     0      .0000      .0000      .0000
R     10.4980     3     0  -79.2730      .0000      .0000
EX      .0000     0     0      .0000      .0000      .0000


FREQ =   .650

  NODE       VOLT MAG      VOLT PHASE
    1        724.3077        -80.1871
    2        722.8656        -80.9739
    3        777.7429        -81.5319
                          BRANCH VOLTAGE       BRANCH CURRENT FROM NODE IMPEDANCE  TO NODE IMPEDANCE
                          MAG      PHASE       MAG      PHASE RESISTANCE REACTANCE RESISTANCE REACTANCE
VSWR
 R     1-  2      1.000     10.04     1.162     10.04     1.162     10.85    -71.31      9.85    -71.31
 L     2-  3      1.350     55.36    91.162     10.04     1.162      9.85    -71.31      9.85    -76.83
 C     3-  0       .000    777.74   -81.532       .32     8.468       .00  -2448.54       .00       .00
 R     3-  0     10.498    777.74   -81.532      9.73      .924     10.50    -79.27       .00       .00

WESTBERG CIRCUIT ANALYSIS PROGRAM

FILE NAME = kgab-3n.cir

I      4.8760     0     1 -132.0510      .0000      .0000
R      1.0000     1     2      .0000      .0000      .0000
L      1.4600     2     3      .0000      .0000      .0000
C       .0001     3     0      .0000      .0000      .0000
R     -2.0050     3     0  -54.0840      .0000      .0000
EX      .0000     0     0      .0000      .0000      .0000


FREQ =   .650

  NODE       VOLT MAG      VOLT PHASE
    1        230.1117        136.8126
    2        230.2600        135.5994
    3        259.3127        135.8628
                          BRANCH VOLTAGE       BRANCH CURRENT FROM NODE IMPEDANCE  TO NODE IMPEDANCE
                          MAG      PHASE       MAG      PHASE RESISTANCE REACTANCE RESISTANCE REACTANCE
VSWR
 R     1-  2      1.000      4.88  -132.051      4.88  -132.051       -.94    -47.18     -1.94    -47.18
 L     2-  3      1.460     29.07   -42.051      4.88  -132.051     -1.94     -47.18     -1.94    -53.15
 C     3-  0       .000    259.31   135.863       .08  -134.137       .00  -3060.67       .00       .00
 R     3-  0     -2.005    259.31   135.863      4.79  -132.014     -2.00    -54.08       .00       .00
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