EXHIBIT 8-1

In Support of an Application for a License to cover Constriction Permit BMPCDT-20060707AFM

KTUZ-DT

This exhibit demonstrates compliance with Special Operating Condition 1.

Before and after measurements on the directional pattern of Radio Station WKY conducted by Munn-Reese Inc.

ENGINEERING REPORT

PARTIAL PROOF OF PERFORMANCE

on

WKY(AM) - Oklahoma City, OK for

Richland Towers - Oklahoma City, LLC

August, 2007

COPYRIGHT 2007

MUNN-REESE, INC. Broadcast Engineering Consultants Coldwater, MI 49036

TABLE OF CONTENTS

- 1. Table of Contents
- 2. Discussion of Report
- 3. Exhibit 1.1 -Tabulation of Daytime Measurements 0.0° T, 60.0° T & 120.0°T
- 4. Exhibit 1.2 -Tabulation of Daytime Measurements 180.0° T, 240.0° T & 300.0°T
- 5. Exhibit 2.1 -Tabulation of Nighttime Measurements 44.0° T & 106.0°T
- 6. Exhibit 2.2 -Tabulation of Nighttime Measurements 271.0° T & 307.0°T
- 7. Exhibit 3.1-Tabulation of Ratios

Discussion

The firm of Munn-Reese, Inc., was retained to prepare this report detailing a daytime non-directional partial proof of performance and nighttime directional partial proof of performance on AM Radio Station WKY(AM), Oklahoma City, OK. WKY(AM) operates on 930 kHz with 5.0 kW of daytime non-directional power and 5.0 kW of nighttime directional power using a three tower array. Construction of Antenna Structure Registration (ASR) tower 1253490 by Richland Towers - Oklahoma City, LLC, has taken place, in addition to the installation of multiple antennas and feedlines. ASR #1253490 resides within the §73.1692 3.2 km affected radius of the nighttime WKY(AM) array, but outside of the 0.8 km affected radius of the daytime WKY(AM) non-directional operation. However, out of an overabundance of caution, the data contained herein is being submitted to show the WKY(AM) daytime and nighttime operations remain essentially unchanged by the nearby tower construction.

Field strength measurements were conducted by Mr. Justin Asher, Engineer for Munn-Reese, Inc. Mr. Asher made his measurements using Potomac Instruments Field Intensity Meter, Model #FIM-41, S/N 844, calibrated March 28, 2006. Representatives of both WKY(AM) and ASR 1253490 were invited to ride along during the measurement project. Mr. Ken Boyd, staff engineer of WKY(AM) was witness to portions of the before measurement program while Mr. Ed Reid, contract engineer for Richland Towers was witness to portions of the after measurement program.

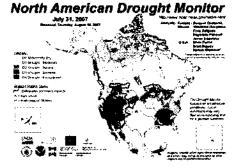
North American Drought Monitor



Measurements were taken on the six (6) cardinal radials spaced 60.0° apart for daytime non-directional operation and the four (4) nighttime monitor point radials, meeting the requirements of 47 C.F.R. §73.154 of the FCC Field strength measurements were taken on the dates and at the times indicated in the respective Tabulations of Field Strength Measurements and included in Exhibit(s) 1.1-2.2 for nighttime operation. The tabulation sheets show the distance from the transmitter site to each point in units of kilometers. The locations and point numbers were derived from topographical maps with the assistance of

GPS computer software. Before and after measurements were taken approximately ten months apart due to delays in tower construction. Initial before measurements were conducted in late October, 2006 with very dry conditions. Temperatures ranged from 75°F to 83°F. After measurements were conducted in late August, 2007 with temperatures ranging from 71°F to 93°F. While no precipitation was observed during the after measurement program, torrential

rains were noted in the weeks preceding. NOAA records North American Drought Monitor indicate 5.38 inches of rain fell between August 18-19 for the area. In addition, Inspection of U.S. Drought Monitor charts¹ taken closest to the measurement dates indicate before measurements were taken in severe to extreme drought conditions with central Oklahoma being delineated as a Dominant Impact Area. After measurements were conducted in normal or non-drought conditions. result, higher after measurements were anticipated due to the ground conductivity-ground moisture relationship.



The U.S. Drought Monitor is a joint effort between the USDA (United States Department of Agriculture), DOC (Department of Commerce), NOAA (National Oceanic and Atmospheric Administration) and the University of Nebraska – Lincoln.

Discussion

Exhibit 3.1 provides a summary of the field intensity measurements made on the daytime non-directional and nighttime directional array. As seen in the exhibit, all ratios indicate a uniform increase of approx 5% as expected due to the change in climate conditions was noted for both daytime and nighttime operations. No daytime radial varied by more than $\pm 2.5\%$ from the mean log average for daytime radials or $\pm 1.5\%$ from the mean log average for nighttime radials. These variances are well within the allowable 10% limits when taking into account climate factors.

In addition, all four MP values were noted to be with licensed maximum limits for both the before and after measurement programs as well as nighttime antenna monitor readings.

Therefore, through a combination of the uniform increase in field attributable to climatic changes and continued MP measurements within licensed values, the result obtained indicate the constructed tower has had a negligible effect on the WKY(AM) day and night operations.

CERTIFICATION OF ENGINEERS

The firm of Munn-Reese, Inc., Broadcast Engineering Consultants, with offices at 385 Airport Drive, Coldwater, Michigan, has been retained for the purpose of preparing the technical data forming this report.

The data utilized in this report is based on field measurements made by the undersigned, or others under the supervision of the undersigned, on the dates and times indicated in the report.

The report has been prepared by properly trained electronics specialists under the direction of the undersigned whose qualifications are a matter of record before the Federal Communications Commission.

I declare under penalty of perjury that the contents of this report are true and accurate to the best of my knowledge and belief.

August 31, 2007

MUNN-REESE, INC.

ovne S Pages President

Autin M. Acher Project Engineer

385 Airport Drive, PO Box 220 Coldwater, Michigan 49036

Telephone: 517-278-7339

Exhibit 1.1 <u>Tabulation of Daytime Radials 0.0°T, 60.0°T & 120.0°T</u>

Call:	WKY		Fre	quency (k	Hz):	930	Power	(kW);	5.00	i	Engineer Justin Asher
				Bearing	(°T):	0.0%					Meter Model: FIM-41 S/N: 844
									I		Calibration Date: March 28, 2006
Point	Before !	¥ou-Đir	ectional	After N	oa-Dir	ectional	Distance	Direct		1.02	
ij.	mV/m	Time	Date	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
- 1	180,00	ş()t)]	10-26-06	193 (8)	1248	118×28×40°	5.26	1.0723		0.0597	l.,
	133 00	1038	10-26-06	135,00	1310	4)85/28501	6.88	1.0150		1+0449	
3	140,00	10:0	10-26-06	317.00	1323	08-28-07	8.96	1 0636		0.0617	
-}	110.00	1056	10-26-06	i [0 ô0	2329	08-28-05	8,04	0.000		0.0000	
4	95,00	1408	10-26-06	99,60	1336	08-28-07	(0.20)	3,31421	}	0.6412	
15	84.00	1115	30-25-06	90,011	1349	08-28-00	11.70	1.0714		0.0699	
7	74 (16)	1422	10-26-06	72,00	1355	08-28-07	12.50	0.9730		-0.0274	
	(9.00	1127	10-26-06	00,85	1403	03-28-07	13.50	0.9855	Ī	-().(r).46	
1)	62,00	1333	10-26-06	65,00	1429	08-28-07	15 00	1.0484		0.04%3	
				L							
				l		Arithme	tic Ratio:	1.0301			1
				Γ		1.	og Ratia:	1,0295			

Call:	WKY		Fre	quency (k	Hz);	930	Power	(kW):	5.00		Engineer: Justin Aster
	<u> </u>	·		Bearing	(°T):	60.0°					Mener Model: FIMs41 S/N: 844
											Calibration Date: March 28, 2006
Point	Before?	Non-Dir	ectional	After S	on-Dir	ectionat	Distance	Direct		Log	
Ħ	mV/m	Time	Date	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
	80.00	1310	10-25-06	78 00	0919	ft3-28-07	4.84	0.9750		-0.0253	
3	94,00	1307	10-25-06	98 00	0923	08428407	5 60	1 0426	I	6,6417	
3	63.00	1502	10-25-06	70.00	0928	08458403	6.78	i.1111	Ι	0.1054	
	00.14	1254	10-25-06	65,50	0933	08-28-07	7.23	1.0738		0.0712	
	47.00	1247	10-25-06	56 00	0940	08-28-07	30.50	5.1915		0.1752	
,	39.50	1236	10-25-06	41 (0)	6947	08-28-07	12.40	3.0380	I	0.0374	
-	34,50	1239	40-23-06	34.50	0950	68-28-00	13.20	1.0299		6.0294	
5	22,90	1223	30-25-46	23.90	1000	08-28-07	16.10	1.0457		0,0477	
•	15.50	1226	10-25-06	16.20	1004	08-28-07	17.00	1.0452		0.0442	
						Arithme	lic Ratio:	1.9612			
	<u> </u>			<u> </u>		I.	og Ratio:	1.0597	1		

Call:	WKY		Fre	quency (k	allz):	930	Power	(kW):	5.00		Engineer Jason Asher
				Bearing	(°T):	120.0°					Meier Model: FIM-41 S/N: 844
					-						Calibration Date: Margh 28, 2006
Point	Before	Nou-Oir	ectional	After N	ion-Dir	eciloxial	Distance	Direct		Log	
#	mV/m	Time	Date	mV/m	Tinse	Date	km	Ratie	Remarks	Ratio	Other Notes
	125,00	1043	16-05-06	125.00	1120	08*28*07	5.10	1,0000		0.6000	
2	115.00	3047	10-25-06	125.00	1115	08-28-07	5.60	1.0870		0.0834	
3	121,00	1051	10-25-06	135,00	ши	08-28-02	6.48	1.1157		0.1095	
4	91.00	1196	10-25-06	60,10i	1105	08-28-67	7.42	(1099	ł	0/1043	
	89.00	1110	10-25-96	92,00	0158	08-28-07	7.94	1.0337		0.0332	
(69 (0)	1119	10-25-06	73,00	1648	08-28-07	9,60	1.0580		0.0564	
7	63.00	1125	70-25-06	70,00	1643	QS+28+0**	(2.20)	3.0769		+7.0741	
Ņ	57.00	1131	10-25-06	A) (iii)	1038	08-28-07	13.50	1.0702		41,0678	
4)	36.50	1138	16-25-d6	28.50	1022	08-28-07	16.29	1.0548		0.0533	<u> </u>
					L						<u> </u>
						Arithme	tic Ratio:	1.0673			
		T				3.	og Ratio:	1.0668			

Exhibit 1.2

Tabulation of Daytime Radials 180.0°T, 240.0°T & 300.0°

Call:	WKY		Fre	quency (k	Hz):	930	Power	(kW):	5.00		Engineer, Justin Asiyer
				Bearing	(°T):	180.0°					Meter Model (FIXI-41) S.N: 844
											Calibration Date: March 28, 2006
l'oint	Before	Non-Dir	ectional	After 8	on-Dir	ectional	Distance	Direct		Log	
#	mV/m	Time	Date	mV/m	Time	Date	km	Ratio	Kemarks	Ratio	Other Notes
1	285.00	1005	36-25-06	308 00	3539	08-29-07		1.0702		0.0678	
	143 00	1014	10-25-16	150 00	3531	68-29-07	5.00	1 (49)6	I	0.0478	
,	115,00	mijo	10-25-06	133 00	1553	08-09-07	6.00	1.0696		6.0673	
;	82.00	1005	10-23-06	87.00	1556	63-79-07	7,08	1.0610		6.0502	
	28.00	9942	10-23-06	(का रहा)	1618	(98-29-6)1	10.70	1.4538		0.1431	
- (63,00	9934	10-25-06	67.80	1623	08-29-00	12.50	1,0635		0,9616	
7	51,90	9907	30-25-06	44.50	3635	08-29-07	(4,40	1,0490		(),()470	
*	46,00	1900	10-25-06	47.00	3620	(9-29-07	(5.%)	1.0207	Ĭ .	0.0215	
,	37.60	0853	10-25-06	19,50	3648	(08-29-07)	17,50	1.0676		9.0654	
					 	Arithm	eric Ratio:	1.0673			
						l	(.ag Ratio:	1.0667			

Cail:	WKY		Fre	quency (k	llz):	930	Power	(kW):	5.00		Engineer: Justin Ashet
				Bearing	(°T):	240.09					Motor Model: F(M-41 S/N; N44
											Califoration Date: March 28, 2006
Point	Before :	Non-Dir	ectional	After N	on-Dir	ectional	Distance	Direct		Log	
#	mV/m	Time	Date	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
3	250.00	1212	±0+26+0s	255 (8)	1731	103-28-07	0.99	1.0200		8.0198	
	135.00	1206	10=26=06	148,00	1716	08-28-07	5,30	1,0963		0.0014	
	99 ()0	1236	16-26-06	105.00	1701	08-28-07	7.01	0.099		0.0588	
.1	120.00	1043	16-26-06	\$19,00	1657	08-09-07	7,84	119917		-0.0084	
	59,00	1253	16-26-06	63.00	1647	68-28-67	10,46	1.6678		0.0656	
	64.IX)	1636	10-25-06	63.00	1642	08-28-07	12.10	0.9844		-0.015T	
7	47,50	1630	(6)-25-06	\$2,50	1635	08-28-07	(3.40)	1.1053		0.1983	
8	(9,0)	1648	10-25-06	39.50	1618	08-28-07	(5.30)	3.0128		0.0127	
. 9	39,00	1423	10-25-06	43,00	1m35	08-38-07	16,46	1.1626		0.0976	
						ľ					
			I			Arithus	etic Ratio:	1.0490		·	
		Ī		, and the second			Log Ratio:	1.6481	1		

Call:	WKY	ĺ	Fre	quency (k	:(x1E	930	Power	(kW):	5.00		Engineer Justin Asher
•				Bearing	(°T):	300.0°					Meter Model: FFM-41 S/N: 844
											Calibration Date: March 28, 2006
Point	Before	Son-Dir	ectional	After 3	ол-Dir	ectional	Distance	Direct		Log	<u> </u>
ä	mV/m	Time	f)ate	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Nates
	242,00	1509	(0-25-06)	255,00	1455	08-28-07	3.03	1.0537		0.0524	
Ĵ	175.00	1514	10-25-06	180 00	1459	68-28-07	4.61	1.0286		0.0282	
	134.00	1524	10×25-06	148 00	1514	08-28-07	8,41	1.0823		0,0789	
	[19.00]	1534	10-25s0n	\$29,00	1528	08-28-0°	5.46	1.0840		0.0807	
5	105 00	1542	10-25-06	(05.00)	1539	03-18-07	(1),91)	1.0000		0.0000	
- (-	90.00	1550	140~25~06	90.00	1343	08-08-07	i 1,80	100001	1	40000	
	72 00	1552	(4)-25-(6)	75.00	1.549	08-28-07	13.70	14417		0.0408	
,	71.00	1556	\$0-25-06	76,00	1554	08-28-00	15.50	1.0704		0.0681	
,	42.80	1559	10-25-06	43.50	1557	108×28×187	17.00	1.0235		0.0233	
	<u> </u>	 				Arithn	ctic Ratio:	1.0427			
	T					1	l ag Rario:	1.0422			

Broadcast Engineering Consultants Coldwater, MI 49036

Exhibit 2.1

Tabulation of Nighttime Radials 44.0°T & 106.0°T

Call:	WKY		Fre	quency (k	Hz):	930	Power	(kW):	5.00		Engineer: Justin Asher
				Bearing	(°T):	44.0°					Meter Model: FIM-41 S/N: 844
		1									Calibration Date: March 28, 2006
Point	Before	Direction	าเล่	After	Directio	fanc	Distance	Direct]	Log	
#	mV/m	Tìme	Date	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
i	76.00	1343	10-24-06	85.00	0815	08-29-07	3.91	1.1184	MP	0.1119	
2	76.00	1347	10-24-06	80.00	0828	08-29-07	5.02	1.0526		0.0513	
3	53,00	[350]	10-24-06	54.50	0832	08-29-07	6,17	1.0283		0.0279	
4	47.50	1354	10-24-06	48.50	0836	08-29-07	7.33	1.0211		0.0208	
5	22.50	1402	10-24-06	22.00	0840	08-29-07	8.44	0.9778		-0.0225	
	19.50	1406	10-24-06	21.90	0845	08-29-07	9,53	1.1231	T "	0.1161	
7	17.50	1409	10-24-06	18.80	0850	08-29-07	10.80	1.0743	}	0.0717	
8	12.80	1432	10-24-06	14.50	0906	08-29-07	15.40	1.1328		0.1247	
ç	10.80	1434	10-24-06	10.50	0909	08-29-07	16.30	0.9722		-0.0282	
	 				-	Arithm	etic Ratio:	1.0556			
					T		Lug Ratio:	1.0540			

Call:	WKY		Fre	quency (k	Hz):	930	Power	(kW):	5.00		Engineer: Justin Asher
				Bearing	(°T');	106.0°					Meter Model: FIM-41 S/N: 844
											Calibration Date: March 28, 2006
Paint	Before	Directio	nal	After	Direction	onal	Distance	Direct		Log	
#	mV/m	Time	Date	mV/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
	120.00	1551	10-24-06	130.00	0930	08-29-07	2.81	1.0833	MP	0.0800	
2	26.50	1557	10-24-06	27,50	0938	08-29-07	4.41	1.0377		0.0370	<u> </u>
	52.00	1601	10-24-06	52,00	0943	08-29-07	6.20	1.0000		0.0000	
4	12.10	1611	10-24-06	12.80	0957	08-29-07	8.67	1.0579		0.0562	
	16.50	1615	10-24-06	16.50	1001	08-29-07	9.53	1.0000	T	0.0000	
	13.20	1620	10-24-06	14.30	1008	08-29-07	11.20	1.0833		0.0800	
7	10.60	1627	10-24-06	11.50	1013	08-29-07	12.90	1.0849		0.0815	
8	11.90	1632	10-24-06	13.10	1018	08-29-07	14.50	8001.1		0.0961	
9	7.90	1636	10-24-06	8.30	1025	08-29-07	15.90	1.0506		0.0494	
					\vdash	Arithm	etic Ratio:	1.0554	 		
	1					† ::	Log Ratio:	1,0548			

Exhibit 2.2

Tabulation of Nighttime Radials 271.0°T & 307.0°T

Call:	WKY		Fre	quency (k	Hz):	930	Power	(kW);	5.00		Engineer: Justin Asher
			, i	Bearing	(°T);	271.0°					Meter Model: FIM-41 S/N: 844
											Calibration Date: March 28, 2006
Point	Before	Direction	mal	After	Directio	onal	Distance	Direct		Log	
#	mV/m	Time	Date	30 V/10	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
1	210.00	1329	10-24-06	210.00	1344	08-29-07	2.52	1.0000	MP	0.0000	
- 7	148.00	1325	10-24-06	159.00	1339	08-29-07	3.23	1.0743		0.0717	
3	138.00	1323	10-24-06	140.00	1336	08-29-07	3.72	1.0145		0.0144	
Ä	100.00	1231	10-24-06	108.00	1329	08-29-07	5.33	1.0800		0.0770	
-	92.00	1239	10-24-06	95.00	1323	08-29-07	6.00	1.0326		0.0321	
(53.00	1144	10-24-06	56.00	1303	08-29-07	11.80	1.0566	l	0.0551	
-	44.00	1132	10-24-06	45.00	1233	08-29-07	13,40	1.0227		0.0225	
Į.	41.50	1127	10-24-06	42.50	1229	08-29-07	15.00	1.0241		0.0238	
Ç	27.50	1123	10-24-06	27.50	1225	08-29-07	16.60	1.0000		0.0000	
	 -				 	Arithm	ietic Ratio:	1.0339	<u> </u>		
	<u> </u>	†					Log Ratio:	1.0335	1		

Call:	WKY		Fre	quency (k	(Hz):	930	Power	(kW):	5.00		Engineer: Justin Asher
	· · · · · · · · · · · · · · · · · · ·			Bearing	(T°):	307.0°					Meter Model: FIM-41 S/N: 844
	<u> </u>	1 -							-		Calibration Date: March 28, 2006
Point	Before	Direction	mal	After	Directio	nal	Distance	Direct		Log	
#	mV/m	Time	Date	m V/m	Time	Date	km	Ratio	Remarks	Ratio	Other Notes
- 1	148.00	1001	10-24-06	160.00	1059	08-29-07	2.65	1.0811	MP	0.0780	
2	150.00	1006	10-24-06	154.00	1109	08-29-07	3.47	1.0267	I	0.0263	
3	132.00	1012	10-24-06	138,00	1115	08-29-07	5.02	1.0455		0.0445	
4	111,00	1018	10-24-06	119.00	1123	08-29-07	6.09	1.0721		0.0696	
	91.00	1022	10-24-06	92.00	1127	08-29-07	7.02	1.0110		0.0109	
	74.00	1030	10-24-06	76.00	1132	08-29-07	8.11	1.0270	i	0.0267	1
5	31.50	1044	10-24-06	33.50	1146	08-29-07	11.40	1.0635		0.0616	
9	33.50	1048	10-24-06	36.00	1150	08-29-07	12.80	1.0746		0.0720	
.1.1	29.50	1102	10-24-06	32.00	1157	08-29-07	14.80	1.0847		0.0813	
			-			Arithm	 etic Ratio:	1.0540			
					· · · · – ·	1	Log Ratio:	1.0537			

Daytime Operation:

Radial	Arithmetic Ratio	Log Ratio
0.0°T	1.0301	1.0295
60.0°T	1,0612	1.0597
120.0°T	1.0673	1.0668
180.0°T	1,0673	1.0667
240.0°T	1.0490	1.0481
300.0°T	1.0427	1.0422
Average:	1.0529	1.0522

Nighttime Operation:

Radial	Arithmetic Ratio	Log Ratio
44.0°T	1.0556	1.0540
106.0°T	1.0554	1.0548
271.0°T	1.0339	1.0335
307.0°T	1.0540	1.0537
Average:	1.0497	1.0490

Radial	MP Limit (mV/m)	Before MP Value (mV/m)	After MP Value (mV/m)
44.0°T	86.6	76.0	85.0
106.0°T	151.1	120.0	130.0
271.0°T	211.0	210.0	210.0
307.0°T	162.1	148.0	160.0

Tower	Before Field	Before Phase	After Field	After Phase
1	1.000	0.0°	1.000	0.0°
2	0.604	+21.9°	0.612	+21.7°
3	0.617	-126.3°	0.623	-125.7°