KLEIN BROADCAST ENGINEERING, L.L.C.

dedicated to improving the science and technology of radio & television communications

December 27, 2009

ENGINEERING STATEMENT
Of
ELLIOTT KURT KLEIN

This Engineering Statement is being filed with the Federal Communications Commission in support of a request for the extension of an STA (Special Temporary Authority) granted by the Commission on or about June 22, 2009 for NCEFM Station KBAQ at Phoenix, Arizona(FCC Facility ID# 40096), FCC File Number: BSTA-20090204ABF . (see Exhibit E-1)

The above captioned STA authorized Station KBAQ(FM) to operate with temporary facilities as listed in Exhibit E-2 of this request for extension of STA.

On or about August 1, 2009 a new Electronics Research, Inc. Directional Antenna System was delivered to the Station KBAQ(FM) site as authorized in FCC Construction Permit File Number: BPED20060227AHT, granted on January 7, 2009. The antenna was installed and was ready for operation on or about August 27, 2009. A temporary transmitter was set in place and was ready for operation in mid September 2009. Station KBAQ commenced operations under the FCC STA on or about October 3, 2009 with the facility as authorized in the FCC STA (see Exhibit E-2)

Engineering Statement cont'd page two: KBAQ(FM)

The filing for a Station License on Form 302-FM for KBAQ is contingent on Station KLVK(FM) (FCC Facility ID# 76329) constructing its new facility as authorized in FCC Construction Permit, FCC File Number: BMPED20090908ADO and filing for its Station License simultaneously with station KBAQ. In order for this to happen Station KBAQ must vacate its licensed site because Station KLVK will construct its new facility at the old licensed site of Station KBAQ. Before the construction for Station KLVK may commence, Station KBAQ must remove all of its equipment inside the transmission equipment building and remove its antenna from the tower in order for Station KLVK to have room to construct its new facility.

Station KBAQ removed its equipment from the site starting in October 2009 and the equipment was completely removed by November 1, 2009. Station KLVK has not completed its construction as of this date, December 27, 2009. It is anticipated the Station KLVK construction will be completed during the first half of 2010 and upon completion of Station KLVK's construction both Station KLVK and Station KBAQ will simultaneously file FCC Form 302-FM for Station Licenses to cover their respective FCC Construction Permits.

Engineering Statement cont'd page three: KBAQ

Elliott Kurt Klein states that he is the Consulting Engineer for Station KBAQ and that the statement made herein is true of his own personal knowledge and belief.

Respectfully submitted,

Elliott Kurt Klein,
Consulting Engineer
NCEFM Station KBAQ
Phoenix, Arizona

27 December 2009

EXHIBIT E-1

Application Search Details

File Number:	BSTA-20090204ABF
Call Sign:	KBAQ
Facility Id:	40096
FRN:	0007919947
Applicant Name:	MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
Frequency:	89.5
Channel:	208
Community of License:	PHOENIX, AZ
Application Type:	SPECIAL TEMPORARY AUTHORITY
Status:	GRANTED
Status Date:	06/22/2009
Expiration Date:	12/22/2009
Tolling Code:	
Application Service:	FM
Disposed Date:	06/22/2009
Accepted Date:	02/05/2009
Last Public Notice:	
Last Report Number:	
Authorization	Authorization not available
Legal Actions	**View Legal Actions**
PN Comment	**Public Notice Comment**
Correspondence Folder	**View Correspondence Folder**

EXHIBIT E-2

KBAQ **AZ PHOENIX** **USA**

Licensee: MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT
Service Designation: **FM** 'Full Service' FM station or application

Channel/Class: 208C Frequency: 89.5 MHz **Special Temporary Authority**
File No.: BSTA-20090204ABF Facility ID number: 40096
CDBS Application ID No.: 1291538

33° 19' 58.00" N Latitude
112° 03' 53.00" W Longitude (NAD 27)

Polarization:	Horizontal	Vertical	
Effective Radiated Power (ERP):	12.	12.	kW ERP
Antenna Height Above Average Terrain:	430.	430.	meters HAAT -- Calculate HAAT
Antenna Height Above Mean Sea Level:	863.	863.	meters AMSL
Antenna Height Above Ground Level:	33.	33.	meters AGL

Non-Directional Antenna ID No.: - Pattern Rotation: 0.00

Additional Individual Tower Information from the Antenna Structure Registration database.
(Use the Registration Number link for detailed information.)

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea Level (meters)	NAD **83** Tower Coordinates						Convert to NAD 27
					Latitude			Longitude		
1003590	797.0	74.1	871.1	N	33° 19' 58.0"		W	112° 3' 56.0"		To NAD27

FAA: FAA Study No. 1986-AWP-834-OE Obstruction / Airport Airspace searches

CDBS: Station Info Application Info Mailing Address Assignments and Transfers
Application List CDBS Search Page Ownership Info EEO Call Sign Changes
Correspondence for KBAQ Correspondence for application BSTA-20090204ABF
Site: Region Map Area Map Local Map
Area: Service Contour Map (60 dBu) Alternate Map Link
ULS: Related facilities in ULS

ASRNs within 0.5 km radius

EXHIBIT E-3

KLVK AZ FOUNTAIN HILLS USA

Licensee: EDUCATIONAL MEDIA FOUNDATION
Service Designation: **FM** 'Full Service' FM station or application

Channel/Class: 206C0 Frequency: 89.1 MHz **Modification of Construction Permit**
File No.: BMPED-20090908ADO Facility ID number: 76329
CDBS Application ID No.: 1332745

33° 35' 33.00" N Latitude
112° 34' 49.00" W Longitude (NAD 27)

Site in Mexican Border Zone
Distance to Border: 184.0 km

Polarization:	Horizontal	Vertical	
Effective Radiated Power (ERP):	29.97	29.97	kW ERP
ERP with Beam Tilt:	30.	30.	kW ERP
Antenna Height Above Average Terrain:	703.	703.	meters HAAT -- Calculate HAAT
Antenna Height Above Mean Sea Level:	1232.	1232.	meters AMSL
Antenna Height Above Ground Level:	110.	110.	meters AGL

Directional Antenna ID No.: 95761 Pattern Rotation: 0.00

Relative Field values for directional antenna Relative Field polar plot

Relative field values do not include any pattern rotation that may be indicated above.

0°	0.178	60°	0.613	120°	1.000	180°	0.765	240°	0.252	300°	0.200
10°	0.194	70°	0.772	130°	1.000	190°	0.633	250°	0.200	310°	0.200
20°	0.244	80°	0.972	140°	1.000	200°	0.633	260°	0.200	320°	0.200
30°	0.307	90°	1.000	150°	1.000	210°	0.503	270°	0.200	330°	0.200
40°	0.387	100°	1.000	160°	1.000	220°	0.399	280°	0.200	340°	0.200
50°	0.487	110°	1.000	170°	0.963	230°	0.317	290°	0.200	350°	0.200

Additional Individual Tower Information from the Antenna Structure Registration database.
(Use the Registration Number link for detailed information.)

ASRN	Site Elevation (meters)	Overall Height Above Ground (meters)	Overall Height Above Mean Sea Level (meters)	NAD **83** Tower Coordinates						Convert to NAD 27
					Latitude			Longitude		
1002068	1122.0	167.9	1289.9	N	33° 35' 33.0"		W	112° 34' 52.0"		To NAD27

FAA: FAA Study No. 1993-AWP-0982-OE Obstruction / Airport Airspace searches

CDBS: Station Info Application Info Mailing Address Assignments and Transfers
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Correspondence for KLVK Correspondence for application BMPED-20090908ADO
Site: Region Map Area Map Local Map
Area: Service Contour Map (60 dBu) Alternate Map Link
ULS: Related facilities in ULS

ASRNs within 0.5 km radius