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ENGINEERING STATEMENT:
MULTIPLE OWNERSHIP STUDY FOR
KQYN(AM) TWENTY NINE PALMS, CA
(APPLICATION FOR YUCCA VALLEY, CA)

MCC RADIO, LLC

JULY 2004

MULTIPLE OWNERSHIP SERVICE CONTOUR ANALYSIS

Prepared for
MCC Radio, LLC

The attached map of principal community service contours was prepared in accordance with the technical standards of the Rules and Regulations of the Federal Communications Commission.

The 70 dBu contours of FM stations were determined from the technical data contained in the most recent edition of the FCC FM Database. The listed antenna height above average terrain was used together with topographic data obtained from the digitized 30 second or 3 second database. The 5 mV/m daytime contours of AM stations were determined from the technical data contained in the most recent edition of the FCC AM Database. The listed antenna parameter information was used together with a digitized version of the FCC M-3 or Region II ground conductivity database.

The service contours were plotted using correct map projection mathematics. Those stations whose transmitter sites are within the respective principal community service contours of the stations proposed to be commonly owned have only the sites rather than their contours shown. All contours and enclosed transmitter site locations have been labeled. A list of all stations considered is included with this statement. This exhibit demonstrates at least the minimum number of stations necessary to demonstrate compliance with the rules concerning radio multiple ownership.

The acquisition of KQYN(AM) does not create principal community contour overlap with all of MCC Radio's stations in the area. The attached map titled "MCC Radio, LLC Stations" demonstrates that KQYN(AM) has overlap with only a small subset of the MCC Radio stations in the area. These overlaps create three discrete clusters:

Cluster A:	KQYN(AM) License	KDGL(FM) Lic + App	KCLB-FM CP
Cluster B:	KQYN(AM) License	KDGL(FM) Lic + App	
Cluster C:	KQYN(AM) App	KDGL(FM) Lic + App	KXPS(AM) License

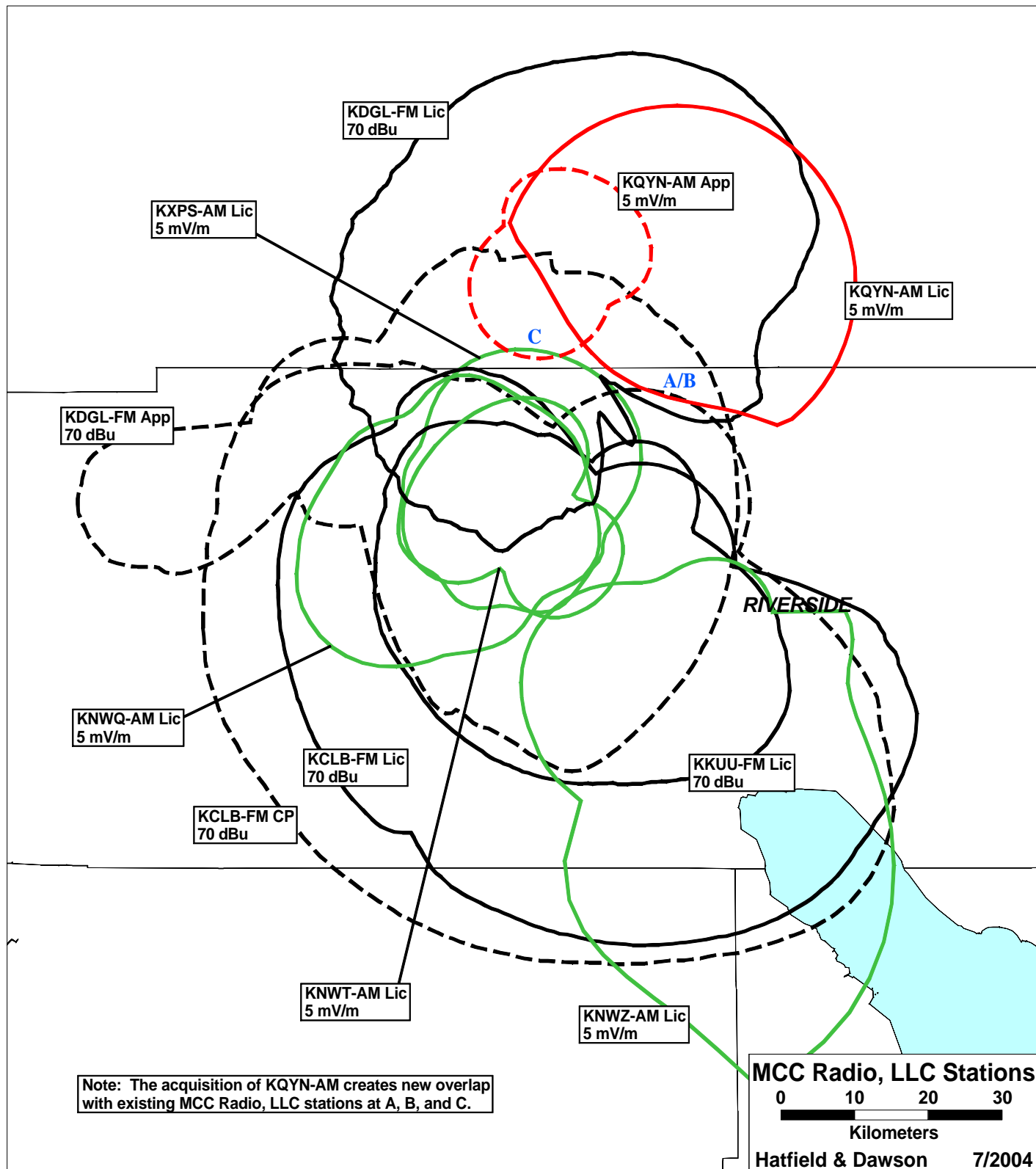
Hatfield & Dawson Consulting Engineers

Cluster B (which covers the hypothetical possibility that the KCLB-FM construction permit facility might not be built out) requires no further study, since it involves only 1 AM and 1 FM station. Detailed analysis of the two other discrete clusters is provided on the following pages.

July 26, 2004

A handwritten signature in black ink, appearing to read "Erik C. Swanson". The signature is fluid and cursive, with the first name "Erik" and last name "Swanson" clearly distinguishable.

Erik C. Swanson
Technical Consultant

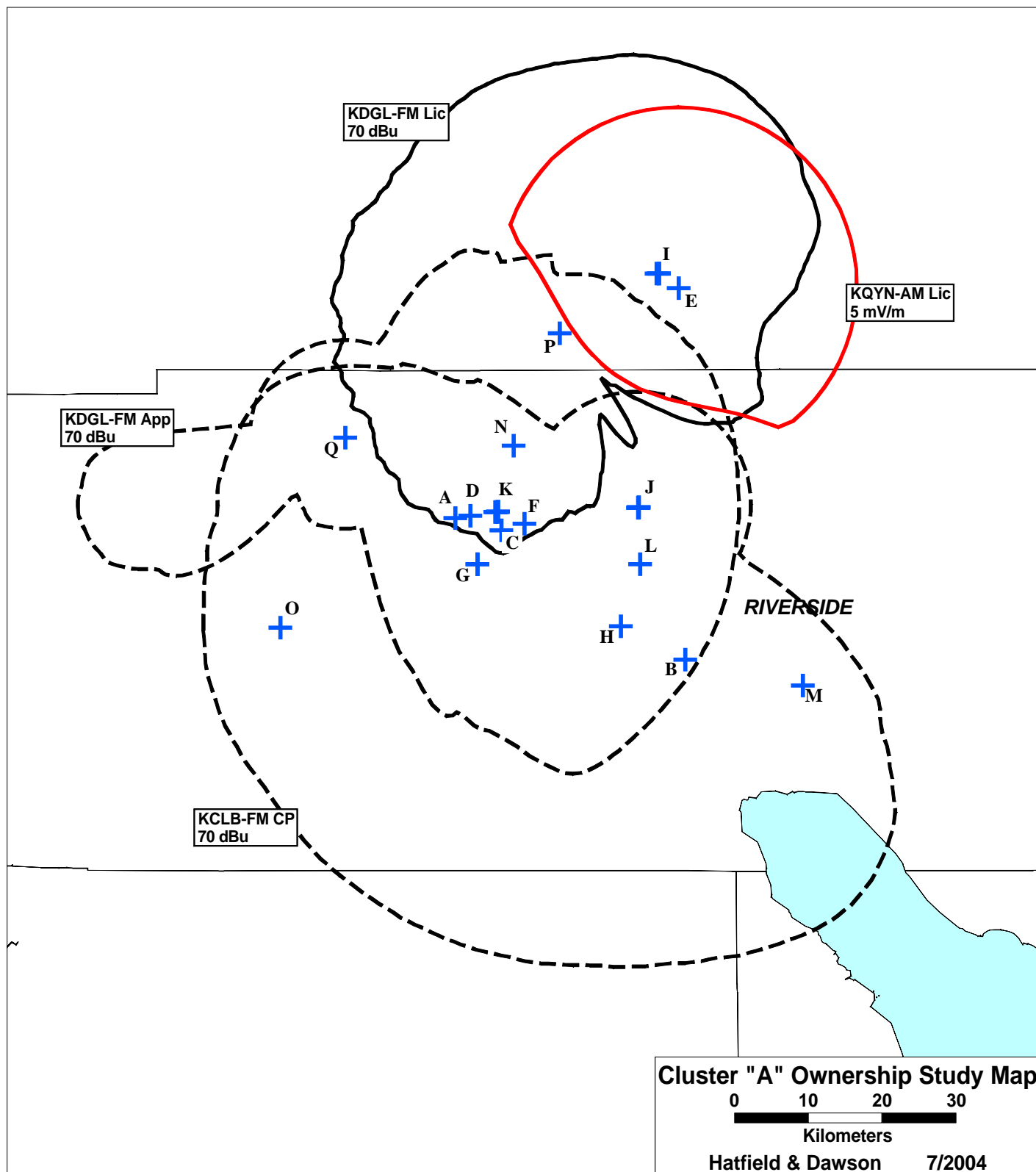


CLUSTER A
 AM STATIONS WITH 5 mV/m CONTOURS OVERLAPPING
 70 dBu CONTOURS OF KDGL (Lic + App) and KCLB-FM (CP)
 AND 5 mV/m CONTOUR OF KQYN (Lic)

Call Status	City St Co	FCC File No.	Freq Mode	Power(kW) Hrs Cls	Latitude Longitude	Site Key
KPSI LIC	PALM SPRINGS CA US BL		920 DA2	5.000 DAY B	N 33-51-29 W 116-29-39	A
KNWZ LIC	COACHELLA CA US BL		970 DA2	5.000 DAY B	N 33-41-12 W 116-09-34	B
KXPS LIC	THOUSAND PALMS CA US BL19911009AC		1010 DA2	3.600 DAY B	N 33-50-35 W 116-25-39	C
KNWQ LIC	PALM SPRINGS CA US BL19851018AB		1140 DA2	10.000 DAY B	N 33-51-39 W 116-28-20	D
KQYN LIC	TWENTY NINE PALMS CA US BL		1250 ND1	1.000 DAY B	N 34-08-11 W 116-10-07	E
KNWT LIC	THOUSAND PALMS CA US BL19900427AH		1270 DA2	5.000 DAY B	N 33-51-04 W 116-23-36	F
KWXY LIC	CATHEDRAL CITY CA US BL19850812AE		1340 ND1	1.000 UNL C	N 33-48-07 W 116-27-44	G
KESQ LIC	INDIO CA US BL		1400 ND1	1.000 UNL C	N 33-43-37 W 116-15-10	H
KGAM LIC	PALM SPRINGS CA US BL0001023AGE		1450 ND2	0.960 DAY C	N 33-48-07 W 116-27-44	G

CLUSTER A
FM STATIONS WITH 70 dBu CONTOURS OVERLAPPING
70 dBu CONTOURS OF KDGL (Lic + App) and KCLB-FM (CP)
AND 5 mV/m CONTOUR OF KQYN (Lic)

Call Status	City State	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Site Key
KDHI LIC	JOSHUA TREE CA	BLH951121KC	221A 92.1	6.000 70.0	34-09-16 116-12-04	I
KKUU LIC	INDIO CA	BLH021210ABQ	224A 92.7	4.200 120.0	33-52-15 116-13-37	J
KCLB-FM CP	COACHELLA CA	BPH031030ACM	229B 93.7	50.000 118.0	33-52-14 116-13-39	J
KLOB LIC	THOUSAND PALMS CA	BLH001020ABS	234A 94.7	1.650 DA 195.0	33-51-56 116-25-58	K
KKJT LIC	TWENTYNINE PALMS CA	BLH960515KB	242A 96.3	6.000 74.0	34-09-15 116-11-50	I
KUNA-FM LIC	LA QUINTA CA	BMLH010619AAJ	244A 96.7	0.970 177.0	33-48-08 116-13-30	L
KRCK-FM LIC	MECCA CA	BLH020415AAG	249A 97.7	1.250 219.0	33-39-18 115-59-16	M
KWXY-FM LIC	CATHEDRAL CITY CA	BMLH890421KC	253B 98.5	50.000 152.0	33-51-55 116-26-10	K
KMRJ LIC	RANCHO MIRAGE CA	BLH980724KA	258A 99.5	3.000 100.0	33-52-15 116-13-37	J
KPSI-FM LIC	PALM SPRINGS CA	BLH910314KA	263B1 100.5	25.000 37.0	33-56-44 116-24-34	N
KATY-FM LIC	IDYLLWILD CA	BLH030115ABH	267A 101.3	1.550 200.0	33-43-31 116-44-58	O
KJJZ LIC	INDIO CA	BLH981124KE	272A 102.3	2.600 101.0	33-52-14 116-13-39	J
KEZN LIC	PALM DESERT CA	BMLH960426KB	276A 103.1	1.900 180.0	33-51-58 116-25-56	K
KDES-FM LIC	PALM SPRINGS CA	BLH030124AEE	284B 104.7	41.000 164.0	33-51-56 116-26-04	K
KPLM LIC	PALM SPRINGS CA	BLH981105KC	291B 106.1	50.000 121.0	33-52-14 116-13-39	J
KDGL LIC	YUCCA VALLEY CA	BMLH021028AAA	295B 106.9	4.000 418.0	34-04-55 116-20-32	P
KDGL APP	YUCCA VALLEY CA	BPH030612AKS	295B1 106.9	25.000 DA 90.0	33-57-20 116-39-18	Q
KCDZ LIC	TWENTYNINE PALMS CA	BLH971231KD	299B1 107.7	6.700 93.0	34-09-15 116-11-50	I



CLUSTER C
AM STATIONS WITH 5 mV/m CONTOURS OVERLAPPING
70 dBu CONTOURS OF KDGL (Lic + App)
AND 5 mV/m CONTOURS OF KQYN (App) and KXPS

Call Status	City St Co	FCC File No.	Freq Mode	Power(kW) Hrs Cls	Latitude Longitude	Site Key
KPSI LIC	PALM SPRINGS CA US BL		920 DA2	5.000 DAY B	N 33-51-29 W 116-29-39	A
KXPS LIC	THOUSAND PALMS CA US BL19911009AC		1010 DA2	3.600 DAY B	N 33-50-35 W 116-25-39	C
KNWQ LIC	PALM SPRINGS CA US BL19851018AB		1140 DA2	10.000 DAY B	N 33-51-39 W 116-28-20	D
KQYN APP	YUCCA VALLEY CA US BMJP20040129ALWND2		1250 DA2	1.000 DAY B	N 34-07-51 W 116-22-08	R
KNWT LIC	THOUSAND PALMS CA US BL19900427AH		1270 DA2	5.000 DAY B	N 33-51-04 W 116-23-36	F
KWXY LIC	CATHEDRAL CITY CA US BL19850812AE		1340 ND1	1.000 UNL C	N 33-48-07 W 116-27-44	G
KGAM LIC	PALM SPRINGS CA US BL0001023AGE		1450 ND2	0.960 DAY C	N 33-48-07 W 116-27-44	G

CLUSTER C
FM STATIONS WITH 70 dBu CONTOURS OVERLAPPING
70 dBu CONTOURS OF KDGL (Lic + App)
AND 5 mV/m CONTOURS OF KQYN (App) and KXPS

Call Status	City State	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Site Key
=====	=====	=====	=====	=====	=====	=====
KLOB LIC	THOUSAND PALMS CA	BLH001020ABS	234A 94.7	1.650 DA 195.0	33-51-56 116-25-58	K
KWXY-FM LIC	CATHEDRAL CITY CA	BMLH890421KC	253B 98.5	50.000 152.0	33-51-55 116-26-10	K
KPSI-FM LIC	PALM SPRINGS CA	BLH910314KA	263B1 100.5	25.000 37.0	33-56-44 116-24-34	N
KEZN LIC	PALM DESERT CA	BMLH960426KB	276A 103.1	1.900 180.0	33-51-58 116-25-56	K
KDES-FM LIC	PALM SPRINGS CA	BLH030124AEE	284B 104.7	41.000 164.0	33-51-56 116-26-04	K
KDGL LIC	YUCCA VALLEY CA	BMLH021028AAA	295B 106.9	4.000 418.0	34-04-55 116-20-32	P
KDGL APP	YUCCA VALLEY CA	BPH030612AKS	295B1 106.9	25.000 DA 90.0	33-57-20 116-39-18	Q

