

Exhibit 12 Spring Valley, NV											
REFERENCE		CH# 207D - 89.3 MHz, Pwr= 0.05 kw, HAAT=220.7 M, COR= 792 M								DISPLAY DATES	
36 07 44 N		Average Protected F(50-50)= 12.88 km								DATA 09-04-03	
115 11 21 W		Ave. F(50-10) 40 dBu= 42.9 54 dBu= 19.3 80 dBu= 3.6 100 dBu= .5								SEARCH 09-04-03	
CH	CALL	TYPE		AZI.	DIST	LAT.	Pwr(kw)	COR(M)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap	in km)
208C KNPR		LIC	CY	148.2	23.73	35 56 50	100.000	1256	90.2	-120.93	-80.69*
Las Vegas		NV		328.2	BLED19890906KA	115 03 01	560	14.3	Nevada	Public Radio	Corpor
205C KCNV.C		CP	CX	237.5	33.39	35 58 02	24.700	2573	95.7	18.69	-62.83*
Las Vegas		NV		57.5	BMPED20030214AAC	115 30 06	1373	0.5	Nevada	Public Radio	Corpor
209C2 KNPR.C		CP	CN	325.9	27.47	36 20 00	34.000	1074	58.2	12.92	-31.20*
Las Vegas		NV		145.9	BPED20010830ADB	115 21 41	254	0.5	Nevada	Public Radio	Corpor
209C2 KNPR.C		CP	DCX	237.2	33.41	35 57 57	0.550	2570	55.5	27.11	-22.55*
Las Vegas		NV		57.2	BMPED20030214AAB	115 30 03	1370	0.5	Nevada	Public Radio	Corpor
206D K206CP		LIC	C	0.0	0.00	36 07 44	0.041	792	8.0	-20.84*	-21.33*
Spring Valley		NV		180.0	BLFT20001115ABG	115 11 21	95	13.3	Educational Media Foundati		
204D K204AQ		LIC	HN	116.7	32.90	35 59 45	0.075	1121	21.6	19.79	10.80
Boulder City And He		NV		296.7	BLFT19850424TC	114 51 46	498	0.5	Nevada	Public Radio	Corpor
204D K204AN		LIC	DHN	237.5	33.29	35 58 04	0.000	2596	0.0	28.58	32.79
Pahrump		NV		57.5	BLFT19850708TD	115 30 03	1402	0.5	Nevada	Public Radio	Corpor
204D K204AP		LIC	HN	322.7	65.27	36 35 42	0.840	1151	20.2	56.35	44.59
Indian Springs		NV		142.7	BLFT19850708TF	115 37 58	129	0.5	Nevada	Public Radio	Corpor
210C 981023		APP	DVN	133.4	164.17	35 06 28	25.724	2382	90.3	142.93	73.33
Bullhead City		AZ		313.4	BPED19981023MO	113 52 40	1023	0.5	Csn International		
06NT K06KE		LI	DHN	322.7	65.27	36 35 42	0.000	1134	0.0	To Grd B=	43.77
Indian Springs		NV		142.7	BLTTV19810325JE	115 37 58	112	180.1	Indian Springs Civic Assoc		

***Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.

Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KCVN, channel 205C, Las Vegas, NV. The predicted F(50-50) field strength of KCVN at the proposed translator site is 86.7 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 126.7 dBu. This interfering contour extends less than 23 meters from the proposed transmit antenna, and the area of overlap does not reach the ground.

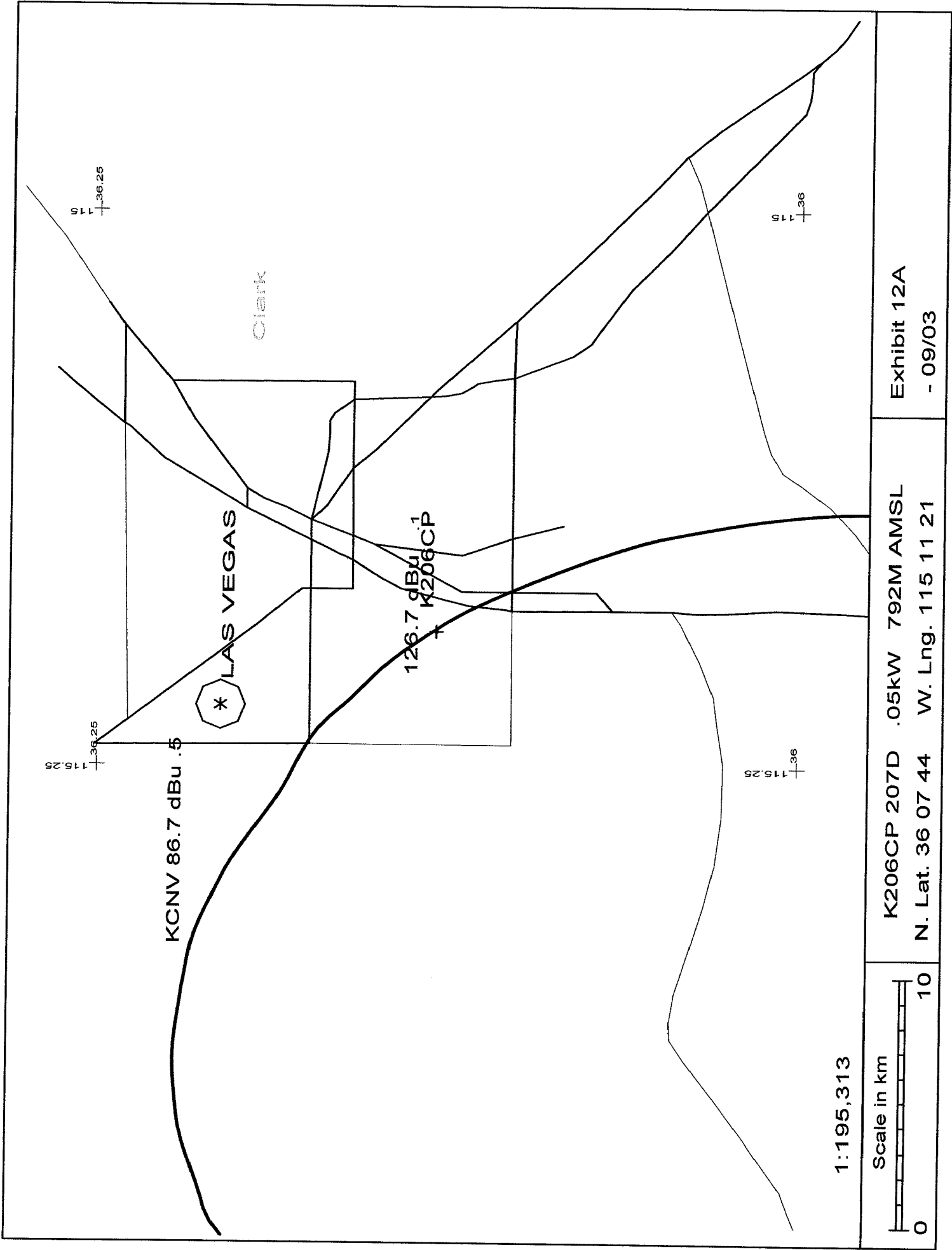
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KNPR, channel 209C2, Las Vegas, NV. The predicted F(50-50) field strength of KNPR at the proposed translator site is 76.1 dBu, see Exhibit 12B. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 116.1 dBu. This interfering contour extends less than 78 meters from the proposed transmit antenna, and the area of overlap does not reach the ground.

Two factors have been investigated to determine this absence of population:

1) Computer software which uses the centroid method of determining population centers, based on the 2000 census data, has determined that there are no persons within the area of overlap.

2) Examination of the USGS topographic map reveals no regularly occupied structures within the 78 meters interference aperture. The antenna will be mounted at 135 meters.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



1:195,313

Scale in km

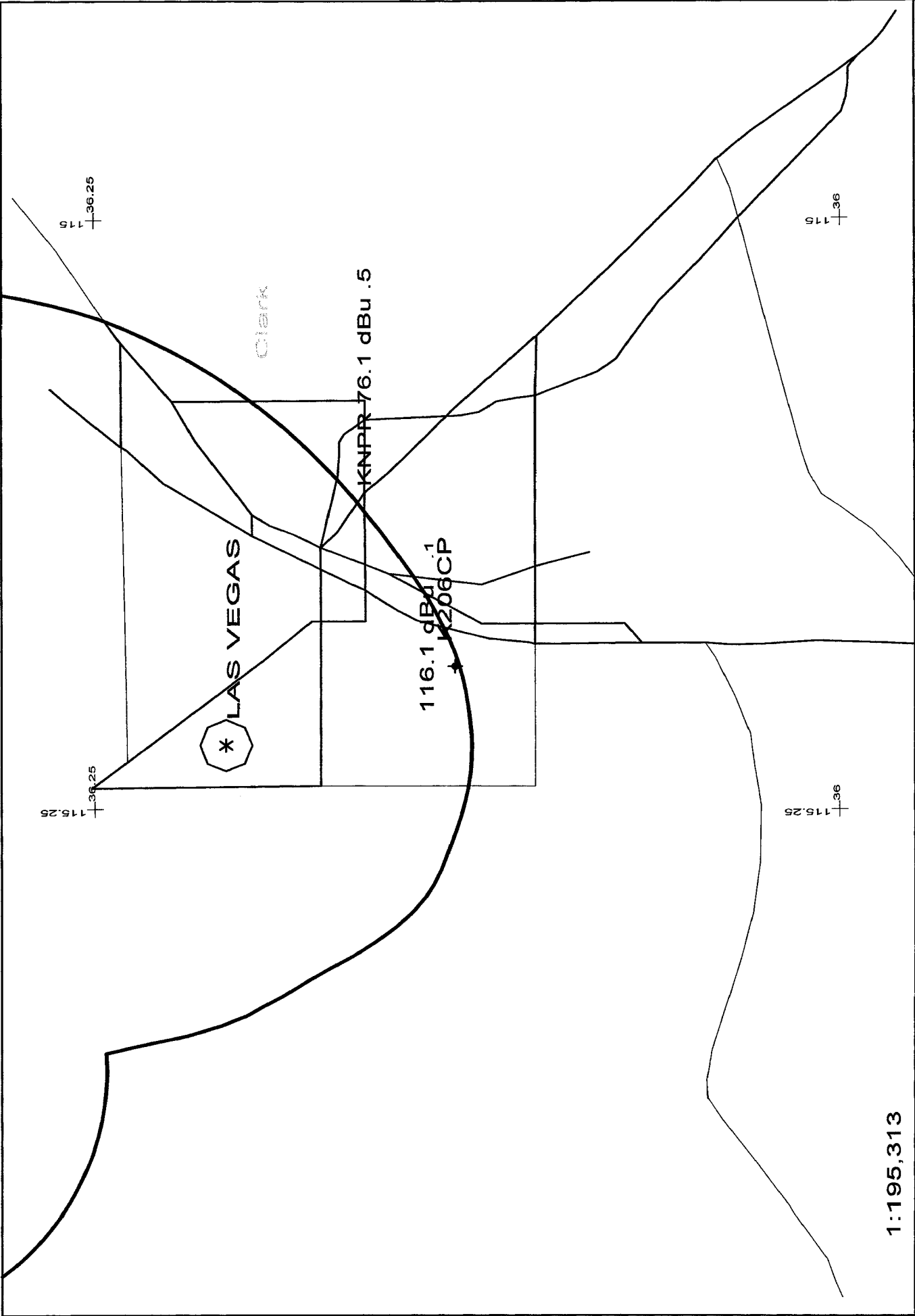


K206CP 207D .05kW 792M AMSL

N. Lat. 36 07 44 W. Lng. 115 11 21

Exhibit 12A

- 09/03



1:195,313

Scale in km



K206CP 207D .05kW 792M AMSL
N. Lat. 36 07 44 W. Lng. 115 11 21

Exhibit 12B
- 09/03