

**TECHNICAL STATEMENT
CONCERNING THE APPLICATION
OF NM LICENSING, LLC.
FOR AUTHORITY TO MODIFY
THE CONSTRUCTION PERMIT OF
KJZS (FM)
SPARKS, NV**

Ch. 221C3 (92.1 MHz) 8.9 KW (H&V) 153 M

This Technical Statement supports the application of NM Licensing, LLC., for authority to modify the Construction Permit of KJZS (FM) (FCC Facility ID 13528), licensed to Sparks, NV.

This application proposes continued operation on Channel 221 C3 (92.1 MHz) and changes the effective radiated power to 8.9 KW and antenna height above average terrain of 153 meters, (1713 meters above Mean Sea Level), at a site 5.4 KM SE of Black Springs, NV.

The NAD 27 geographic coordinates of the site are:

North Latitude: 39-35-03.4
West Longitude: 119-48-06.4

It is proposed to side-mount an 8-bay, half-wave-spaced, non-directional antenna near the top of the proposed tower. The ground elevation at this site is 1661 meters above mean sea level (AMSL). The center of radiation for the proposed antenna will be 52 meters above ground level (AGL) and 1713 meters AMSL. The average elevation of the surrounding terrain within 3.2 to 16.1 kilometers of the proposed site is 1560 meters based on N.G.D.C. 30-second linearly interpolated database. The antenna radiation center will be 153 meters above the average elevation of the surrounding terrain.

The proposed site meets all spacing requirements for Channel 221 as a Class C3 facility, with exceptions, outlined in Exhibit 28. The applicant proposes operation using 73.215.

Exhibit 28 is Channel Study of FM Channel 221 C3, showing proposed operation of KJZS. The table shows the pertinent nearby FM assignments, the distances from the proposed site to these stations, and the required separation.

Although there are several licensed FM transmitters within 0.1 to 0.3 KM from the proposed site, there are no authorized FM transmitter or non-broadcast stations within 60 meters of the proposed transmitter.

FM stations include:

NO.	CHAN	CALL	LOCATION	STATUS	POWER(da)	DIST	- AZM	AMSL
1	201	K201DR	SUN VALLEY, NV	LIC	0.03+	0.3 km	90 deg	1694
2	210	K211EB	SPARKS, NV	LIC	0.03+	0.3 km	90 deg	1695
3	229	KYWD	SUN VALLEY, NV	LIC	3.60+	0.3 km	96 deg	1687
4	233	KHXR	SUN VALLEY, NV	LIC	50.00	0.3 km	96 deg	1698
5	254	K254AK	RENO, NV	LIC	0.03	0.3 km	90 deg	1694
6	271	KRNVM	RENO, NV	LIC	11.00+	0.3 km	90 deg	1708
7	292	K292EX	RENO, SPARKS, NV	LIC	0.03	0.4 km	95 deg	1696

The following TV file entries are within 10 kilometers of the reference site:

NO.	CHAN	CALL	LOCATION	STATUS	POWER(da)	DIST	- AZM	AMSL
1	4	KRNV	RENO, NV	LIC	17.40	0.0 km	0 deg	1681
2	5	KNPB	RENO, NV	LIC	5.01	0.3 km	101 deg	1678
3	15	KNPB	RENO, NV	STA	1.51+	0.3 km	96 deg	1675
4	20	KAME-TV	RENO, NV	LIC	53.00+	0.4 km	90 deg	1691
5	21	KAME-TV	RENO, NV	LIC	692.00+	0.4 km	85 deg	1704
6	25	KRRI-LP	RENO, NV	LIC	13.40+	0.4 km	95 deg	1697
7	39	K39FF	RENO, NV	LIC	89.20+	0.3 km	90 deg	1701
8	43	KELM-LP	RENO, NV	LIC	28.40+	0.3 km	90 deg	1688
9	52	K52FF	RENO, NV	LIC	0.01+	0.3 km	90 deg	1697

There are NO AM stations or applications within 3 km of the reference point

The instant proposal also proposes diplexed operation with co-owned KURK (FM Channel 225). The KURK application is being concurrently filed.

In addition, it appears the existing tower is otherwise excluded from environmental processing as it complies with all the criteria for such an exclusion in Section 1.1306.



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NM Licenses, LLC.

March 7, 2004