EXHIBIT NO. 1

ENGINEERING EXHIBIT
APPLICATION FOR MODIFICATION OF
CONSTRUCTION PERMIT
STATION KPXC
INDIAN SPRINGS, NEVADA
CH 257C0 31.0 KW 690 M

Engineering Statement

This engineering statement was prepared on behalf of FM broadcast station KPXC Indian Springs, Nevada (facility identification number 11614). Station KPXC is currently licensed for operation on channel 257A, employing effective radiated power (ERP) of 0.1 kilowatts with antenna height above average terrain (HAAT) of -128 meters. Station KPXC holds a construction permit, File No. BPH-19991115ABB, which authorizes a channel upgrade to 257C and change in transmitter location and facilities. It is now proposed to employ a transmitter location requiring a downgrade in channel classification to channel 257C0.

An existing tower will be modified to increase the height above ground level to 60.7 meters (199 feet) so as to accommodate the proposed FM antenna. As there are no airports in the vicinity, and the tower is less than 200 feet in height, filing of the proposal with the FAA is not required.

Engineering specifications for the proposed facility are listed in Figure 1.

TRANSMITTER LOCATION

Station KPXC will employ a transmitter site near angel Peak approximately 24 kilometers southeast of Indian Springs, Nevada. The NAD27 geographic coordinates for the tower location:

36° 19' 28" North Latitude
115° 33' 58" West Longitude

The proposed ERI eight-bay circularly polarized FM antenna will be side-mounted on the support structure, with antenna center of radiation 48.8 meters above ground level

COVERAGE CONTOURS

The predicted 70 dBu and 60 dBu coverage contours are shown on Figure 2. The 70 dBu contour encompasses the city limits of Indian Springs thereby complying with the provisions of 47 CFR 73.315.

ALLOCATION CONDITIONS

Use of the proposed site by KPXC as a class C0 station complies with all separation requirements of 47 CFR 73.207, as in shown on Figure 3.

ENVIRONMENTAL CONSIDERATIONS

The proposed FM facility was evaluated in terms of potential radiofrequency radiation exposure at two meters above ground level in accordance with OET Bulletin No. 65, *Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields,* Edition 97-01. Using the appropriate equations shown in the Bulletin and a field factor of 0.3, which is appropriate for the eight-bay FM antenna, the power density at the base of the tower was determined to be 0.0851 milliwatts per centimeter squared, or 42.6-percent of the guideline value for an “uncontrolled environment”.

The applicant verifies that access to the tower will be restricted and marked with appropriate warning signs. In addition, the applicant will take measures to protect workers or other authorized personnel granted access to the tower structure from exposure of radiofrequency radiation in excess of the FCC guidelines. These measures include reducing power or taking a station off the air, as necessary.

The proposal is therefore categorically excluded from environmental processing, as it meets all of the criteria for such exclusion in 47 CFR 1.1306.

Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237-6019

August 8, 2001

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STATION KPXC
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CH 257C0 31.0 KW 690 M

Engineering Specifications

Facility Identification Number	11614
Channel	257
Frequency	99.3 MHz
Site Coordinates (NAD 27)	36° 19' 28″ North Latitude 115° 33′ 58″ West Longitude
Site Elevation	2611.5 m (8568 ft.)
Average elevation of standard eight radials, 3 to 16 km	1970.3 m (6464 ft.)
Overall height of antenna structure	
Above ground	60.7 m (199 ft.)
Above mean sea level	2672.2 m (8767 ft.)
Height of FM antenna radiation center	
Above ground	48.8 m (160 ft.)
Above mean sea level	2660.3 m (8728 ft.)
Above average terrain	690 m (2264 ft.)

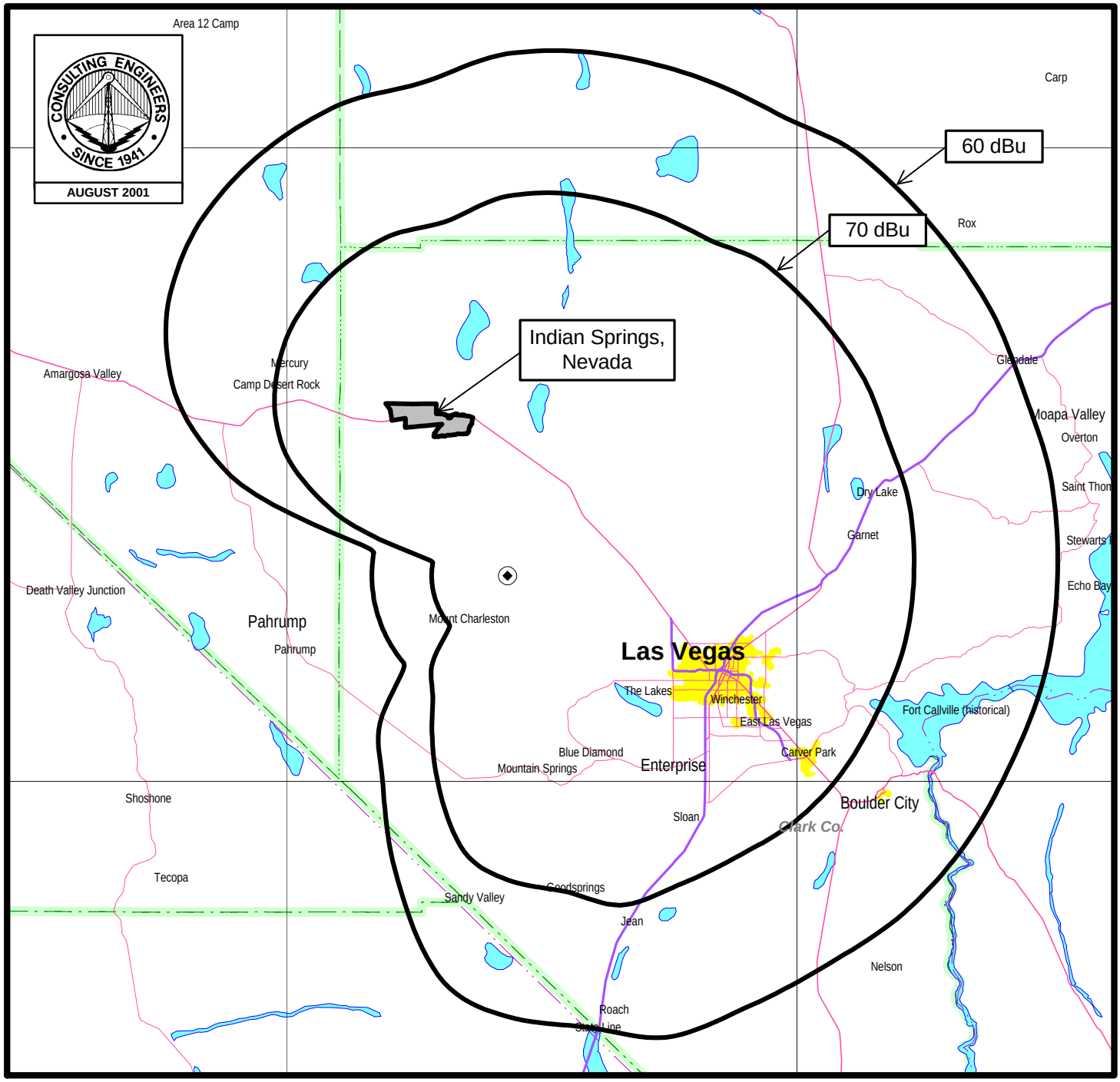
Transmitter	*Harris type HT 10CD
Rated power output	10 kW
Transmission line	*Andrew type HJ12-50
Nominal diameter	0.057 m (2-1/4 in.)
Length	61 m (200 ft.)
Efficiency 0.338 dB loss	92.5%
Antenna	*ERI, type LPX-8E
Number of bays	8
Polarization	Circular
Power Gain	4.49

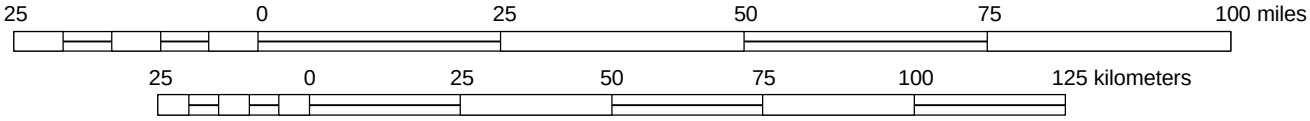
Proposed Operation

Transmitter output power	7.46 kW
Transmission line loss	0.56 kW
Antenna input power	6.90 kW
Antenna gain	4.49 dB
Effective radiated power	31 kW

*Or equivalent

Figure 2





PREDICTED COVERAGE CONTOURS

FM STATION KPXC

INDIAN SPRINGS, NEVADA

CH 257C0 31 KW 690 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

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CH 257CO Allocation Study
36-19-28 115-33-58

Call Id	City St	Status	File Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) min	max
KPXC	INDIAN SPRI	BPH		257 C	33.000	N	36-25-17	N	296.4	24.37	281.0	281.0
11614	NV CP	C	19991115ABB	99.3	957.9	30351	115-48-35			-256.63	Short	
KPXC	INDIAN SPRI			257 C	0.000	N	36-25-18	N	296.4	24.38	281.0	281.0
11614	NV VAC	C		99.3			115-48-35			-256.62	Short	
	INDIAN SPRI	RM		257 A	0.000	N	36-33-09	N	352.7	25.51	215.0	215.0
0	NV DEL	C	8846	99.3			115-36-08			-189.49	Short	
KPXC	INDIAN SPRI	BLH		257 A	0.100		36-33-48		340.1	28.21	215.0	215.0
11614	NV LIC	C	19990706KE	99.3	-128	29794	115-40-25			-186.79	Short	
KVEZ	PARKER	BLH		257 C2	10.000	N	34-07-22	N	152.9	273.64	239.0	239.0
35119	AZ LIC	C	19970127KE	99.3	287		114-12-40			34.64	Clear	
KHYZ	MOUNTAIN PA	BLH		258 B	8.400	N	35-29-27	N	179.5	92.50	214.0	214.0
34555	CA LIC	C	19960313KB	99.5	551		115-33-27			-121.50	Short	
	MOUNTAIN PA	RM		258 B	0.000	N	35-29-27	N	179.5	92.50	214.0	214.0
0	CA DEL	C		99.5			115-33-27			-121.50	Short	
	MOUNTAIN PA			259 B	0.000	N	35-29-27	N	179.5	92.50	89.0	89.0
106501	CA VAC	C		99.7			115-33-27			3.50	Close	