Consulting Engineers

TECHNICAL EXHIBIT APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT TRANSLATOR STATION K15HU-D LAKEVIEW, OREGON

October 3, 2007

CHANNEL 15 0.29 KW

TECHNICAL EXHIBIT APPLICATION FOR MODIFICATION OF CONSTRUCTION PERMIT TRANSLATOR STATION K15HU-D LAKEVIEW, OREGON CHANNEL 15 0.29 KW

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Technical Statement

This Technical Exhibit was prepared in support of an application for modification of construction permit for translator station K15HU-D to relocate its transmitter site. See FCC File No. BDCCDTT-20061030AHM. The transmitter site will be re-located to a mountain peak that will better serve Lakeview and the surrounding communities. The antenna height will be increased to 2346 m AMSL and the effective radiated power (ERP) will be increased to 0.29 kW using a non-directional antenna pattern. This application is classified as a minor change. See 51 dBu coverage comparison at Figure 1 herein.

Response to Paragraph 13 (Interference)

The proposed facility complies with the following applicable FCC rule Sections: 74.709, 74.793(e), 74.793(f), 74.793(g), 74.794(b) and 73.1030. See Figure 2 for a summary of the interference analysis conducted pursuant to FCC Office of Engineering and Technology Bulletin No. 69 (OET-69).

Environmental Considerations

With respect to the potential for human exposure to radio frequency (RF) radiation, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-

01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards.

Power density calculations were conducted at 2-m above ground based on the following conservative assumptions, with the following results:

Call Sign	Average ERP (kW)		Distance (m)	Relative Field Factor*	FCC Limit [†] (mW/cm ²)	Percentage of Limit	
K15HU-D	15	0.29	6	0.5	0.319	47.4%	

As indicated above, the exposure to RF radiation at 2-m above ground level will not exceed 47.4 % of the FCC limit for general population / uncontrolled exposure.

Access to the tower shall be restricted as necessary to prevent exposure to RF energy in excess of FCC requirements. The applicant, in coordination with other users of the transmission facility, shall reduce power or cease operation as necessary to protect persons having access to the tower from radio frequency radiation in excess of the FCC guidelines.

Louis R. du Treil, Jr.

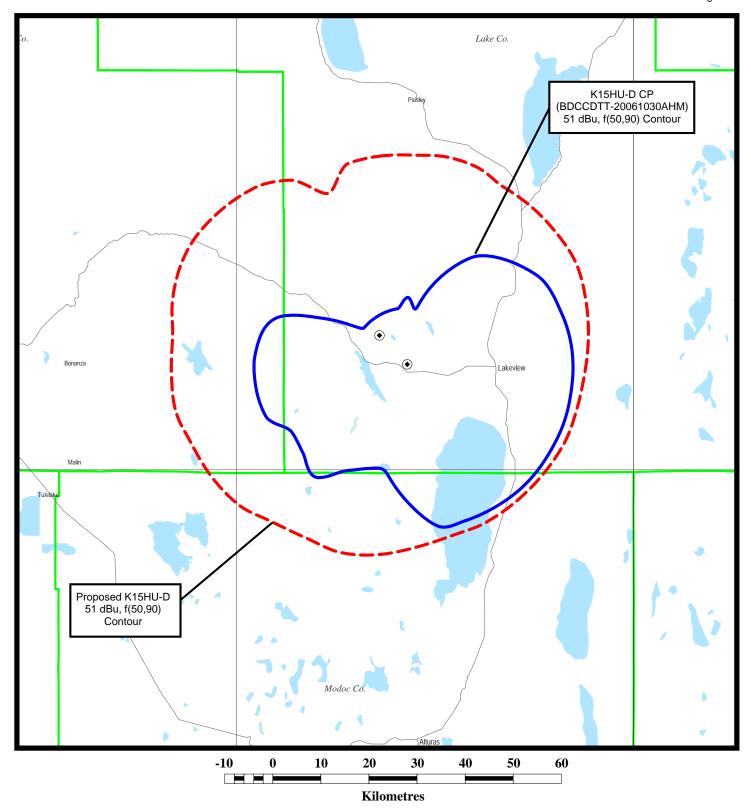
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du Treil, Lundin & Rackley, Inc. 201 Fletcher Ave. Sarasota, FL 34237

October 3, 2007

^{*} This is a conservative estimate of the relative field factor at steep elevation angles.

[†] for general population/uncontrolled environments



PREDICTED 51 DBU COVERAGE COMPARISON

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Summary of OET-69 Interference Analysis

Channel	Callsign	File Number	Status	City	State	Baseline	Net Change	Percent Change
14	KMCW-LP	BLTTL-20060417AFT	LIC	MEDFORD	OR		0	0
14	KMCW-LP	BDFCDTA-20060710AAA	СР	MEDFORD	OR		0	0
15	K15HV-D	BDFCDTL-20070521AFY	CP	CHICO	CA		0	0
15	K15HV-D	BDISTTL-20061208AAE	CP	CHICO	CA		0	0
15	KUNO-TV	BPCDT-19991019ABW	CP	FORT BRAGG	CA		0	0
15	K15FJ	BLTTL-20011115ACR	LIC	LAKEPORT	CA		0	0
15	K15CX	BLTTL-20020613AAH	LIC	OROVILLE	CA		0	0
15	NEW	BSFDTL-20060630AXO	APP	RED BLUFF	CA		0	0
15	NEW	BSFDTL-20060630CCL	APP	REDDING	CA		0	0
15	KMUM-CA	BLTTL-19981016JH	LIC	SACRAMENTO	CA		0	0
15	K15HO-D	BDCCDTT-20061030AHZ	CP	YREKA	CA		0	0
15	KNPB	BLEDT-20031023AAU	LIC	RENO	NV		0	0
15	K15AL-D	BLDTT-20070404AAO	LIC	WINNEMUCCA	NV		0	0
15	KABH-CA	BLTTA-20030131AJE	LIC	BEND	OR		0	0
15	KORY-LD	BDCCDTL-20061025ADN	CP	EUGENE	OR		0	0
15	K15BP	BLTT-19880406IL	LIC	GRANTS PASS	OR		0	0
15	KOBI	BLCDT-20061011AEF	LIC	MEDFORD	OR		0	0
15	K15DS	BDFCDTL-20060331BDX	CP	NEWPORT, ETC.	OR		0	0
15	K15DS	BLTTL-19961220JB	LIC	NEWPORT, ETC.	OR		0	0
15	K15DY	BLTT-19930802IG	LIC	ONTARIO, ETC.	OR		0	0
15	K15EY	BLTT-19980818JA	LIC	WASCO/HEPPNER	OR		0	0
16	K16CU	BLTT-19930608IC	LIC	PHOENIX, TALENT	OR		0	0
17	K17DU	BLTTL-19970505JE	LIC	CHRISTMAS VALLEY	OR		0	0
17	K58BG	BPTT-20031006ABX	APP	KLAMATH FALLS	OR		0	0
19	K19BK	BLTT-19880411IF	LIC	LAKEVIEW	OR		0	0
22	KFTS	BLET-19890127KE	LIC	KLAMATH FALLS	OR		0	0