

EXHIBIT #1
ENGINEERING STATEMENT

The University of Oklahoma
Minor Change to Licensed Station
KGOU
BLED-19830804AE
Norman, OK

July 2007

CH 292A

6.0 kW H & V

This engineering statement supports application filed by the University of Oklahoma to make a minor change to licensed FM station KGOU, Norman, Oklahoma. KGOU is a non-commercial licensed FM station operating on the non-reserved band.

The applicant proposes to increase effective radiated power. The antenna height above average terrain has been recalculated. No other changes are being proposed at this time. A total of 8 evenly spaced radials were used to determine the antenna height above average terrain. The N.G.D.C. 30 arc second database was employed to determine the elevations along the radials that were averaged using the required four-point interpolation method. The resulting averaged radial antenna heights were employed using the Commission's own TVFMINT algorithm to project the distances to signal contours. A map of the proposed 60 and 70 dBu contours, with cardinal radials is included on page #2. A tabular listing of the distance to the 60 and 70 dBu contours can be found on page #3 of this exhibit. The community of license, Norman, is found along radial 225°.

Exhibit #13 shows compliance with the main studio requirements of Section 73.1125.

Exhibit #14 shows that the proposed facility meets the community coverage requirements of Section 73.315.

Exhibit #15 is a computer generated minimum spacings report, showing that all minimum spacing requirements are met, with the exception of KTLS-FM. That station will be protected using the contour protection provisions of Section 73.215.

Exhibit #18 is an allocation report, map and FMOVER table showing contour protection provided to KTLS-FM.

The applicant proposes the use of registered tower ASR #1011095, constructed in 1985. Since this tower was built before March, 2001 and since no changes are being proposed to the tower structure itself, this application is excluded from environmental processing under 47. C.F.R. Section 1.1306.

Exhibit #22 is an R.F. emissions compliance statement, showing that workers and the general public are protected from excess radio frequency emissions.

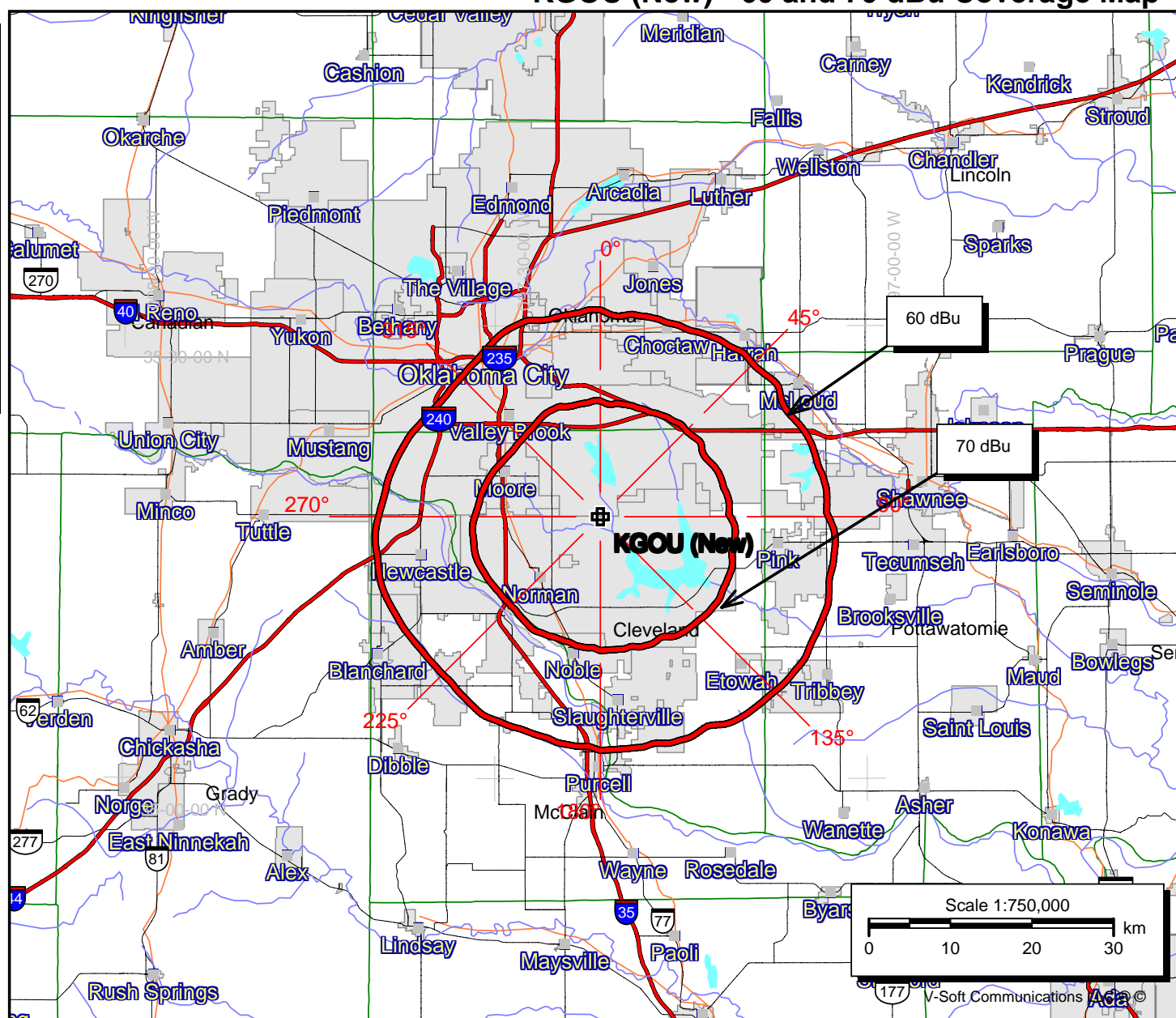
The proposed station is within 320 kilometers of the US border with Canada, however there are no pertinent relationships with Canadian stations, applications or allotments. The proposed station is not within the specific critical distances to AM broadcast towers, FCC monitoring stations, Table Mountain and the West Virginia Quiet Zone. The applicant is aware of its responsibility under the rules to correct any blanketing interference it may cause within the period of one year from commencement of transmissions of newly authorized facilities.

Page #5 of Exhibit #1 is a statement of the qualifications of the preparer.

Kate Michler

Pop in 70 dBu = 138,695

7/26/2007



N. Lat. = 351722.0 W. Lng. = 972130.0

HAAT and Distance to Contour - FCC Method - NGDC 30 SEC

KGOU (New) - Distance to 60 and 70 dBu contours

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	70-F5
000	365.0	79.0	6.0000	7.78	1.000	25.32	14.19
045	357.2	86.8	6.0000	7.78	1.000	26.46	14.89
090	346.5	97.5	6.0000	7.78	1.000	27.96	15.92
135	328.3	115.7	6.0000	7.78	1.000	30.25	17.57
180	341.4	102.6	6.0000	7.78	1.000	28.64	16.41
225	351.2	92.8	6.0000	7.78	1.000	27.32	15.46*
270	352.2	91.8	6.0000	7.78	1.000	27.18	15.37
315	373.1	70.9	6.0000	7.78	1.000	24.12	13.48

Ave El= 351.86 M HAAT= 92.1 M AMSL= 444 M

*Radial thru community of license.

Declaration:

I, Katherine A. Michler, have received a Bachelor of Science degree from the University of Northern Iowa, and;

That, I declare that I have received training as a technical consultant as a member of the staff of Doug Vernier Telecommunications Consultants, and;

That, I have been a member of the firm for over nine years, and;

That, my qualifications are a matter of record with the Federal Communications Commission, and;

That, I am an Associate Member (#20792) of the Society of Broadcast Engineers, Indianapolis, Indiana, and;

That, the consulting firm of Doug Vernier Telecommunications Consultants has been retained by the University of Oklahoma, and;

That, I have personally prepared these engineering showings, the technical information contained in same and the facts stated within are true to my knowledge, and;

That, under penalty of perjury, I declare that the foregoing is correct.

Katherine A. Michler Katherine A. Michler

Executed on July 26, 2007