Comprehensive Engineering Exhibit
WZLD (FM) Facility ID 66954
Minor Change Application
March 28, 2007

By this application it is sought to modify the facility of WZLD (FM) to specify a new antenna height and location, as well as a "one step" change in class of license from 292A to 292C2.

An "allocation location" which is fully spaced as a class C2 channel 292 facility has been located at: 31 31 37N, 89 08 07 W. This is the same as the proposed antenna location. The principal community can be served from this location with the required signal level as demonstrated by the attached map. The proposed WZLD (FM) antenna is to be non-directional and will be shared with stations WUSW and WNSL, located 281.0 meters above ground level upon a tower described by antenna structure registration number 1041960. From this location WZLD (FM) is fully spaced as a class C2 facility in accordance with Section 73.207 to all known facilities, applications and allocations. This proposal requests a height above average terrain of 324 meters. That height is 174 meters above the reference height for the proposed Class C2 facility. The web page "FMpower" was utilized to determine the equivalent ERP of 10.5 kW as proposed in this application.

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The combined antenna system is an EPA type 3, 12- bay, full wave spaced, "Roto- tiller " antenna, mounted with its center of radiation 281 meters above ground level, and will operate with a combined effective radiated power of 210.5 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 62 meters from the base of the tower, this combined proposal will contribute worst case, 8.4 microwatts per square centimeter, or 0.84 percent of the allowable ANSI limit for controlled exposure, and 4.2 percent of the allowable limit for uncontrolled exposure. This figure is less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

Allocation/Antenna Location Spacing Study:

ComStudy 2.2 search of channel 292 (106.3 MHz Class C2) at 31-31-37.0 N, 89-08-07.0 W.

Callsign	State	City	Chanl	ERP_w	Class	Status	Dist_km	Sep	Clr
WZLD	MS	PETAL	292	1800	A	LIC	16.39	166	-149.6
WAVH	AL	DAPHNE	293	451	C2	STA	98.94	130	-31.1
WBMH	AL	GROVE HILL	291	12000	C3	LIC	117.74	117	0.7
WAVH	AL	DAPHNE	293	50000	C2	LIC	131.75	130	1.8
WAVH	AL	DAPHNE	293	0	C2	USE	132.43	130	2.4
WMTI	MS	PICAYUNE	291	0	C2	USE	138.84	130	8.8
WMTI	MS	PICAYUNE	291	28000	C2	LIC	139.87	130	9.9
WRBE-FM	MS	LUCEDALE	295	6000	A	LIC	82.97	55	28
WRBE-FM	MS	LUCEDALE	295	0	A	USE	83.66	55	28.7
WBMH	AL	GROVE HILL	291	0	C3	USE	145.57	117	28.6
WGNG*	MS	TCHULA	292	0	C3	USE	207.6	177	30.6
960610MD	MS	STONEWALL	295	0	A	USE	86.37	55	31.4
WSTZ-FM	MS	VICKSBURG	294	85000	C	LIC	140.43	105	35.4
WSTZ-FM	MS	VICKSBURG	294	0	C	USE	142.52	105	37.5

Map of Principal Community Coverage from Allocation/Antenna Location: