

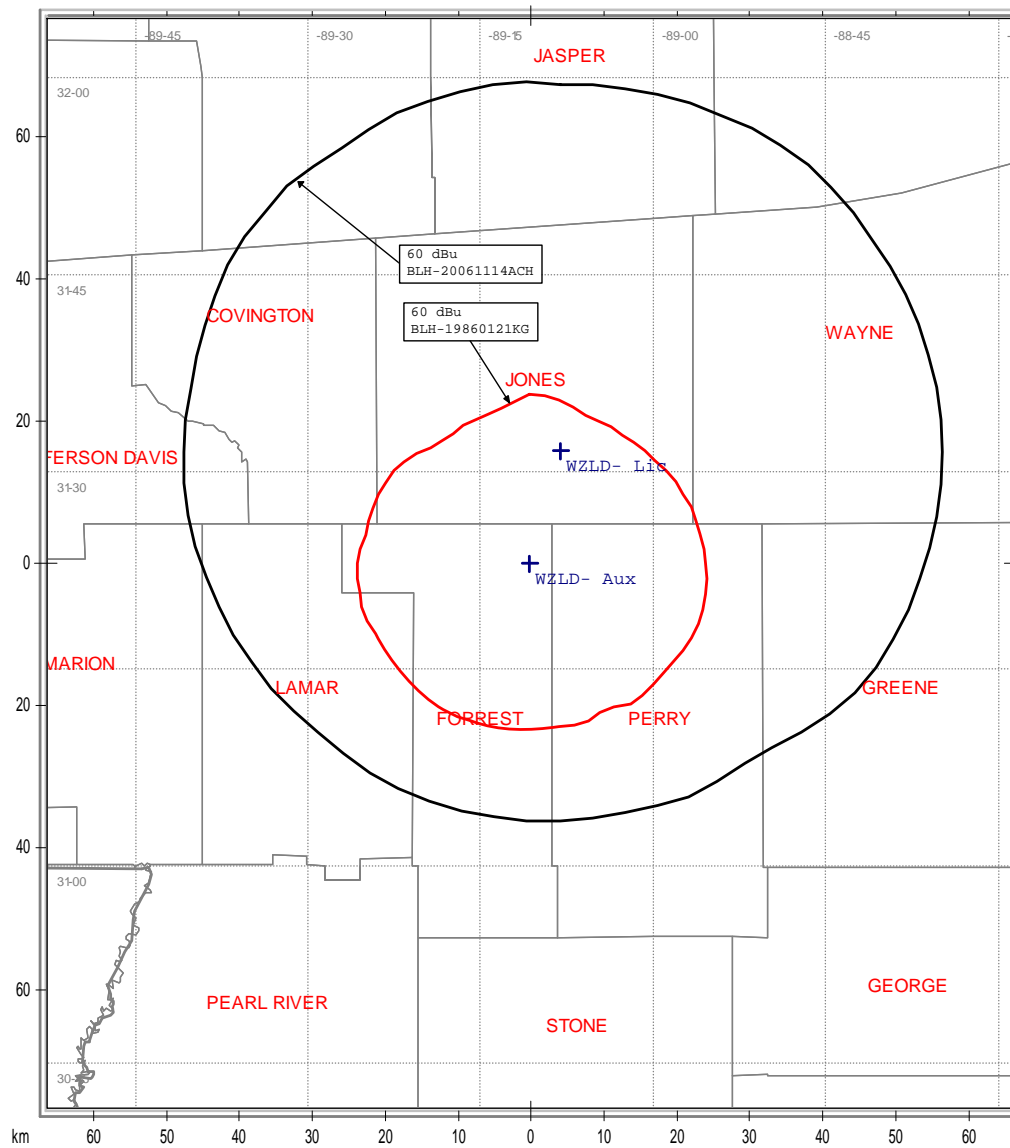
**Comprehensive Engineering Exhibit**  
**WZLD FID 66954**

This application seeks modification of the former main of WZLD, BLH-19860121KG as an auxiliary facility pursuant to Section 73.1675. As demonstrated in the attached map of 60 dBu F50:50 contours, this proposal is compliant with Section 73.1675(C)(1).

The 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 facility has been verified using "FM Model" set to an EPA type 1, 1- bay, full wave spaced, "Ring Stub " antenna, mounted with its center of radiation 94 meters above ground level, and will operate with an effective radiated power of 1.8 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 25 meters from the base of the tower, this proposal will contribute worst case, 8.55 microwatts per square centimeter, or 0.86 percent of the allowable ANSI limit for controlled exposure, and 4.3 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.



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

CLEAR CHANNEL BROADCASTING LICENSES, INC.  
2625 S MEMORIAL DR, SUITE A  
TULSA OK 74129

Deborah Price  
Supr Applications Examiner  
Audio Division  
Media Bureau

Grant Date: May 21, 1986

Facility Id: 66954

Call Sign: WZLD

This license expires 3:00 a.m.  
local time, June 01, 1989.

License File Number: BLH-19860121KG

This license covers Permit No.: BMPH-19850923IF

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WZLD

License No.: BLH-19860121KG

Name of Licensee: CLEAR CHANNEL BROADCASTING LICENSES, INC.

Station Location: MS-PETAL

Frequency (MHz): 106.3

Channel: 292

Class: A

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power:

Antenna type: Not Reported

Description:

Antenna Coordinates: North Latitude: 31 deg 23 min 02 sec  
West Longitude: 89 deg 10 min 44 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	1.80	1.80
Height of radiation center above ground (Meters):	94	94
Height of radiation center above mean sea level (Meters):	180	180
Height of radiation center above average terrain (Meters):	122	122

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 97 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

\*\*\* END OF AUTHORIZATION \*\*\*