

**MULLANEY ENGINEERING, INC.**

9049 SHADY GROVE COURT  
GAITHERSBURG, MD 20877

**ENGINEERING EXHIBIT EE-LIC:**

**RADIO STATION WDLZ (FM)  
TEAM BROADCASTING, L.L.C.  
MURFREESBORO, NORTH CAROLINA**

**Ch. 252A 3.0 KW 100 M HAAT**

**DECEMBER 3, 2002**

**ENGINEERING STATEMENT IN SUPPORT OF  
A LICENSE APPLICATION FOR A  
MODIFIED FM STATION**

File No. BPH-20020909AAK - Facility ID: 56667

**QUESTION 7 - EXHIBIT 8 OF FCC FORM 302-FM**

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**TABLE OF CONTENTS:**

1. F.C.C. Form 302-FM.
2. Declaration of Engineer
3. Narrative Statement
4. Table A, Summary of Technical Facilities Installed.

## Declaration

I, John J. Mullaney, declare and state that I am a graduate electrical engineer with a B.E.E. and my qualifications are known to the Federal Communications Commission, and that I am an principal engineer in the firm of Mullaney Engineering, Inc., and that I have provided engineering services in the area of telecommunications since 1977. My qualifications as an expert in radio engineering are a matter of record with the Federal Communications Commission.

The firm of Mullaney Engineering, Inc., has been requested by Team Broadcasting, L.L.C., to prepare the instant engineering exhibit in support of a license application for FM Station WDLZ (FM) (FCC Facility ID Number: 56667).

All facts contained herein are true of my own knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true. Information concerning the technical equipment installed and compliance with special conditions was obtained directly from the licensee. No on-site inspection of the facility by Mullaney Engineering was made. I declare under penalty of perjury that the foregoing is true and correct.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

Executed on the 3rd day of December 2002.

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**NARRATIVE STATEMENT:**

This engineering statement has been prepared on behalf of Team Broadcasting, L.L.C., permittee of Radio Station WDLZ (FM) at Murfreesboro, North Carolina (Facility ID 56667). The purpose of this statement is to inform the Commission that construction has been completed and that the new facility complies with its outstanding construction permit (BPH-20020909AAK).

In accordance with the Special Operating Conditions on the construction permit, WDLZ (FM) coordinated the times and locations of construction such that no worker was exposed to excessive R.F. levels and it will continue to do so in the future. The facility is in full compliance with both the “controlled” & “uncontrolled” FCC Radiation Guidelines. Since the FM facility contributes less than 5% of the “controlled” standard at ground level it is **categorically excluded** from further consideration.

WWDR AM shares the use of this tower. It should be understood that due to the tower collapse both the AM & FM were “Silent” until completion of construction.

Table A is a summary of the technical facilities installed.

### **“As Built” - Differences**

The newly constructed facility does not significantly differ from those originally authorized. However, all of these differences are permitted to be adjusted when filing the license application.

### **Environmental Assessment Statement**

The tower is surrounded by a locked fence to limit inadvertent access. Workers employed to climb the tower or work in a potential overexposure location will not be permitted to enter the work area until cleared by the station manager or other responsible person. Appropriate warning signs are posted to ensure safety. If deemed to be necessary, the station will establish and enforce work rules and safety procedures applicable in a potential over-exposure area. It is recognized that maintenance or installation work on or near the antenna may require the station to completely shutdown or switch temporarily to an auxiliary antenna or an auxiliary transmitter site.

### **SUMMARY**

Team Broadcasting, L.L.C., permittee of Radio Station WDLZ (FM) herein files its license application indicating that construction has been completed and that the facility complies with its outstanding construction permit.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

December 3, 2002.

## Table A

### Summary of Technical Facilities Installed

<b>Call:</b>	WDLZ (FM)
<b>City/State:</b>	Murfreesboro, North Carolina
<b>Facility ID:</b>	56667
<b>Channel:</b>	252A                      98.3 MHz
<b>C.P. Number:</b>	BPH-20020909AAK
<b>Coordinates:</b>	36-26-24 / 77-08-10    NAD-27
<b>Tower ASR:</b>	1211388
<b>Tip Height:</b>	106.4 M AGL
<b>Antenna C.R.:</b>	95.7 M AGL    116.7 M AMSL    100 M HAAT
<b>ERP:</b>	3.0 kW H              3.0 kW V
<b>Antenna Make:</b>	ERI              LP-5AE-HW    0.5 lambda spacing
<b>OMNI:</b>	Yes
<b>Ant. Gain:</b>	1.612
<b>Coax Efficiency:</b>	84.4 %    Andrew HJ7-50A    1- $\Theta$ "    109.7 meters
<b>TPO:</b>	2.2 kW