

MULLANEY ENGINEERING, INC.

9049 SHADY GROVE COURT
GAITHERSBURG, MD 20877

ENGINEERING EXHIBIT EE-LIC:

**RADIO STATION WBAM-FM
DEEP SOUTH BROADCASTING COMPANY
MONTGOMERY, ALABAMA**

Ch. 255C1 100 KW 299 M HAAT

JUNE 7, 2002

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

File No. BPH-20010803AAK - Facility ID: 16379

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 Deep South Broadcasting Company, to prepare the instant engineering exhibit in support of a license application for FM Station WBAM-FM (FCC Facility ID Number: 16379).

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. 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 7th day of June 2002.

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NARRATIVE STATEMENT:

This engineering statement has been prepared on behalf of Deep South Broadcasting Company, permittee of Radio Station WBAM-FM at Montgomery, Alabama (Facility ID 16379). The purpose of this statement is to inform the Commission that construction has been completed and that the new facility complies completely with its outstanding construction permit (BPH-20010803AAK).

In accordance with the Special Operating Conditions on the construction permit, WBAM-FM coordinated the times and locations of construction such that no worker was exposed to excessive R.F. levels. The facility is in full compliance with both the “controlled” & “un-controlled” FCC Radiation Guidelines.

Table A is a summary of the technical facilities installed.

“As Built” - Differences

The newly constructed facility does not significantly differs from those originally authorized.

SUMMARY

Deep South Broadcasting Company, permittee of Radio Station WBAM-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

June 7, 2002.

Table A

Summary of Technical Facilities Installed

Call:	WBAM-FM		
City/State:	Montgomery, Alabama		
Facility ID:	16379		
Channel:	255C1	98.9 MHz	
C.P. Number:	BPH-20010803AAK		
Coordinates:	31-58-28 / 86-11-31 NAD-27		
Tower ASR:	1231498		
Tip Height:	322.8 M AGL		
Antenna C.R.:	306.9 M AGL	425.8 M AMSL	299 M HAAT
ERP:	100 kW H	100 kW V	
Antenna Make:	Shively 6814-8 1.0 lambda spacing		
OMNI:	Yes		
Ant. Gain:	4.46 times power		
Coax Efficiency:	74.1 %		
	Andrew 3-1/8" Rigid	5.2 meters	
	Andrew 5" Heliax	301.8 meters	
TPO:	30.26 kW		