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BY HAND DELIVERY

The Secretary
Federal Communications Commission
The Portals -- Room TW-325
445 12th Street, S.W.
Washington, DC 20554

Re: Alabama Educational Television Commission
Clarification to Petition for Rule Making for
Amendment to Section 73.622 of the Commission's Rules
Digital Television Table of Allotments
(Dozier, Alabama)

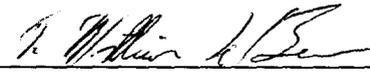
Dear Madam Secretary:

On behalf of Alabama Educational Television Commission ("AETC"), the licensee of WDIQ-TV, Dozier, Alabama (the "Station"), enclosed please find an original and four copies of an amendment to the revised Technical Exhibit to the above-referenced Petition for Rule Making, which was filed with the Commission on February 17, 1999 (the "Petition"). The attached makes certain minor corrections to the Technical Exhibit. Accordingly, AETC respectfully requests that the Commission amend the Technical Exhibit that was filed with the Petition with the attached.

Please file-stamp the additional copy of this amendment, and return it to the undersigned. Please also direct communications to the undersigned.

Respectfully submitted,

HOGAN & HARTSON L.L.P.

By: 
F. William LeBeau

Attorneys for the Alabama Educational
Television Commission

Enclosures

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074

**ENGINEERING STATEMENT OF
RYAN WILHOUR
IN CONNECTION WITH AN AMENDMENT TO AN
APPLICATION FOR A NEW DTV STATION
WDIQDT
DOZIER, ALABAMA**

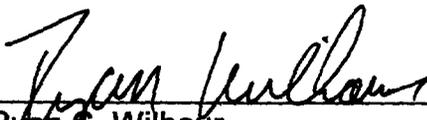
The purpose of this document is to eliminate an inadvertent error within an application for the DTV station WDIQDT located in Dozier, AL. Substitution of the following pages is requested:

- FCC form 340 labeled Page 28 with the FCC form 340 labeled Page 28 attached to this document.
- The first page of the engineering statement with the first page of the engineering statement attached to this document.
- Exhibit 1, labeled "ENGINEERING SPECIFICATIONS" with the Exhibit 1, attached to this document.
- Exhibit 2, demonstrating the elevation view of the tower with the Exhibit 2 attached to this document.

The above attachments contain corrections to typographical errors within the original application to the overall height of the tower. These corrections will not affect the results of the interference studies labeled Exhibit 7A - Exhibit 7E.

This technical statement has been prepared by Ryan C. Wilhour who is a graduate of University of Florida with a Bachelor of Science degree in electrical engineering, and is an associate of Kessler and Gehman Associates, Inc., with offices in Gainesville, Florida. He states under penalty of perjury that the information contained in this statement is true and correct to the best of his knowledge and belief.

KESSLER AND GEHMAN ASSOCIATES, INC.



Ryan C. Wilhour

Engineering Consultant

March 22, 1999

Section V-D -D TV BROADCAST ENGINEERING DATA (Page 2)

5. Purpose of Application: (check appropriate boxes)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify construction permit for main facility | <input type="checkbox"/> Modify construction permit for auxiliary antenna |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary antenna |

If purpose is to modify, indicate the nature of change(s) by checking appropriate box(es) and specify the file number(s) of the authorizations affected.

- | | |
|---|---|
| <input type="checkbox"/> Antenna supporting structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Channel |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Antenna system |
| <input type="checkbox"/> Other (summarize) | |

File Number(s) _____

6. Exact location of transmitting antenna

(a) Give address, city/state or if no address, specify distance and bearing relative to the nearest town or landmark.

**MERVILLIS MILL ROAD (LEON FIRE TOWER)
CRENSHAW COUNTY
DOZIER, ALABAMA**

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates or center of array. Otherwise, specify tower location. Specify South Latitude and East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed. (The Commission requires coordinates based on NAD 27.)

Latitude	31	0	33	'	16	"	Longitude	86	0	23	'	32	"
----------	----	---	----	---	----	---	-----------	----	---	----	---	----	---

7. (a) Elevation (to the nearest meter)

- | | | |
|---|-----|--------|
| (1) of site above mean sea level; | 154 | meters |
| (2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and | 340 | meters |
| (3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)]. | 494 | meters |

(b) Height of radiation center: (to the nearest meter)

- | | | |
|---|-----|--------|
| (1) above ground; and | 333 | meters |
| (2) above mean sea level [(a)(1) + (b)(1)]; | 487 | meters |

8. Attach as an Exhibit sketch(es) of the supporting structure, labeling all elevations required in item 7 above. If mounted on an AM directional array element, specify heights and orientations of all array towers, as well as location of any FM radiator. * SEE ATTACHED ENGINEERING STATMENT

Exhibit No. EXHIBIT 2*

ENGINEERING STATEMENT OF RYAN C. WILHOUR OF THE FIRM OF KESSLER AND GEHMAN ASSOCIATES, INC., CONSULTING ENGINEERS IN CONNECTION WITH AN APPLICATION FOR THE ALABAMA EDUCATIONAL TELEVISION COMMISSION FOR A CONSTRUCTION PERMIT FOR TELEVISION BROADCAST STATION WDIQ-TV WHICH WOULD OPERATE ON DTV CHANNEL 11 WITH A MAXIMUM EFFECTIVE RADIATED POWER OF 30 KILOWATTS HORIZONTALLY POLARIZED AT AN EFFECTIVE ANTENNA HEIGHT OF 393 METERS ABOVE AVERAGE TERRAIN IN THE VICINITY OF DOZIER, ALABAMA

I, Ryan C. Wilhour, am an associate of Kessler and Gehman Associates, Inc. with offices in Gainesville, Florida. I am a graduate of the University of Florida with a Bachelor of Science Degree in electrical engineering.

This firm has been employed by the Alabama Educational Television Commission to make engineering studies and to prepare the engineering portion for construction permit for television broadcast station WDIQ-TV to operate on DTV channel 11 with a maximum effective radiated power of 30 kilowatts horizontally polarized at an effective antenna height of 393 meters above average terrain in the vicinity of Dozier, Alabama.

The Alabama Educational Television Commission is the licensee, File No. BLET406, of the television broadcast station WDIQ-TV that operates on NTSC channel 2 with an effective radiated power of 100.0 kW horizontally polarized at 210 meters above average terrain.

ATTACHED FIGURES

In carrying out the engineering studies the following attached figures were prepared by me or under my supervision:

1. Proposed engineering specifications (Exhibit 1)
2. Elevation drawing of the antenna system (Exhibit 2)
3. Antenna Elevation Pattern (Exhibit 3)
4. USGS 7.5 minute topographic quadrangle showing the proposed transmitter location and coordinate lines (Exhibit 5)
5. Map showing the predicted DTV coverage contour (Exhibit 6)
6. Maps showing the proposed de minimis interference to co-channel and adjacent channel TV stations (Exhibit 6A - Exhibit 6D)

TRANSMITTER LOCATION

It is proposed to erect a new tower and support structure extending 325 meters above ground upon which the proposed Dielectric TW-7B11-R horizontally polarized non-directional antenna will extend to an overall height of 494 meters AMSL or 340 meters AGL. The proposed construction would have no significant environmental impact as defined in §1.1307 of the FCC Rules.

**WDIQ
DOZIER, ALABAMA**

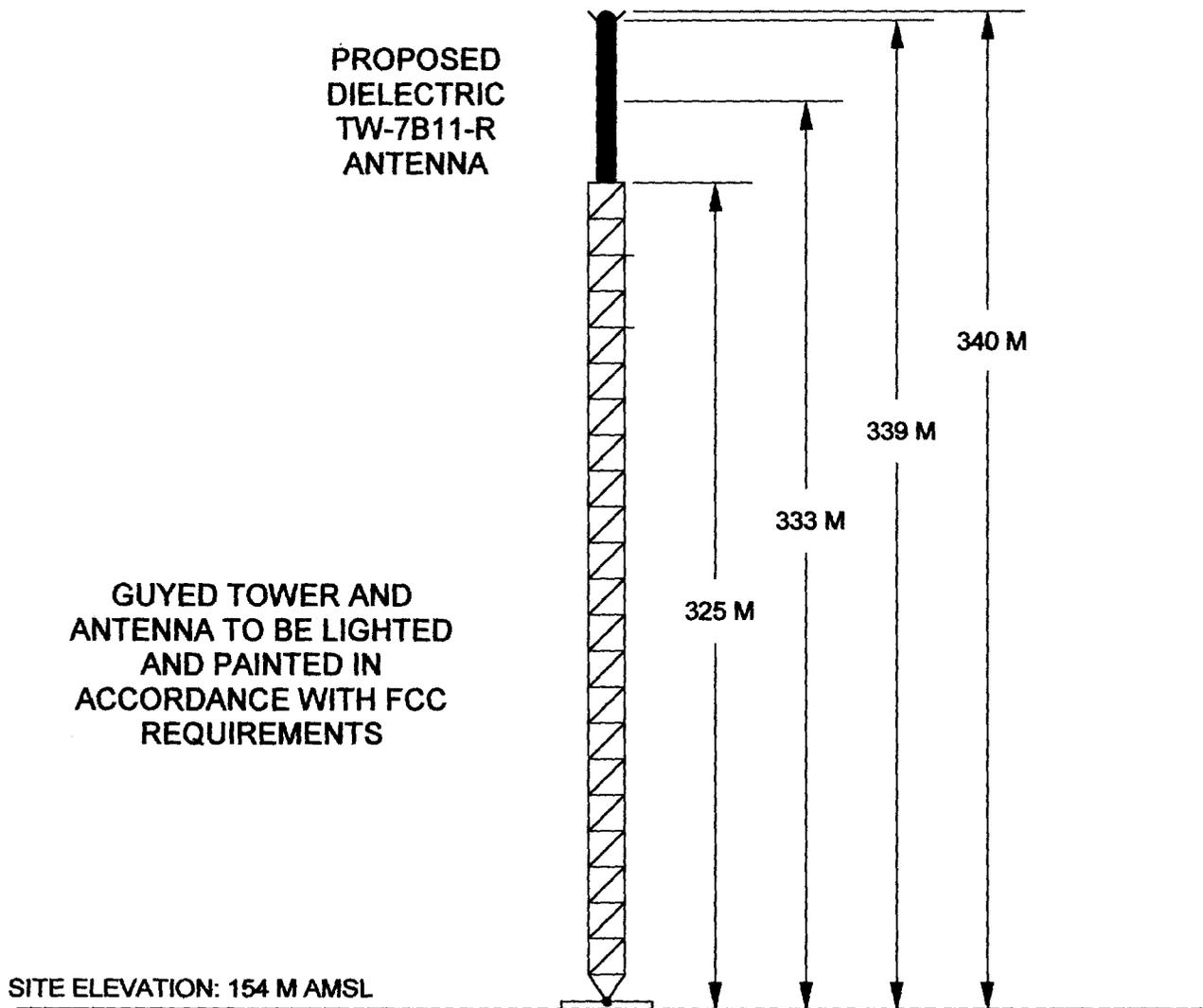
ENGINEERING SPECIFICATIONS

- A. Transmitter Site
- | | |
|----------------|-------------|
| North Latitude | 31° 33' 16" |
| West Longitude | 86° 23' 32" |
- Street Address
- Mervillis Mill Road (Leon Fire Tower)
- B. Main Studio Site
- Street Address
- Alabama Educational TV commission
2101 Magnolia Ave, Birmingham, Alabama 35205
- C. Proposed Facility
- DTV Channel
- | | |
|-----------|-------------|
| Number | 11 |
| Frequency | 198-204 MHz |
- D. Antenna Height
- | | |
|---|------|
| Height of Site Above Mean Sea Level (AMSL) | 154m |
| Overall Height of Structure Above Ground
(including all appurtenances) | 340m |
| Overall Height of Structure Above Mean Sea Level
(including all appurtenances) | 494m |
| Height of Site Above Average Terrain | 60m |
| Effective Height of Antenna Above Ground | 333m |
| Effective Height of Antenna Above Average Terrain | 393m |
| Effective Height of Antenna Above Mean Sea Level | 487m |
- E. Antenna Parameters – Horizontal Polarization
- | | |
|---|--------------------|
| Maximum Antenna Gain in Beam Maximum | 8.45dB |
| Maximum Antenna Gain in Horizontal Plane | 8.33dB |
| Maximum Effective Radiated Power
In Beam Maximum | 14.77dBk
30.0kW |
| Maximum Effective Radiated Power
In Horizontal Plane | 14.65dBk
29.2kW |

ELEVATION VIEW

PROPOSED
DIELECTRIC
TW-7B11-R
ANTENNA

GUYED TOWER AND
ANTENNA TO BE LIGHTED
AND PAINTED IN
ACCORDANCE WITH FCC
REQUIREMENTS



SITE ELEVATION: 154 M AMSL

OVERALL HEIGHT AGL: 340 M
OVERALL HEIGHT AMSL: 494 M
RADIATION CENTER AGL: 333 M
RADIATION CENTER AMSL: 487 M

COORDINATES:
N. LATITUDE 31° 33' 16"
W. LONGITUDE 86° 23' 32"

NOTE: NOT TO SCALE

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WDIQ

DOZIER, ALABAMA

981221

FIGURE 2