



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
A MINOR MODIFICATION OF A
POST REPACK CONSTRUCTION PERMIT
FILE # 0000034330
WSES - TUSCALOOSA, ALABAMA
DTV - CH. 36 - 800 kW - 660.8 m HAAT**

Prepared for: HSH BIRMINGHAM (WCFT) LICENSEE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, No. 7418, and in New York State, No. 63418.

GENERAL

This office has been authorized by HSH BIRMINGHAM (WCFT) LICENSEE, LLC, licensee of WSES, channel 33, facility ID number 21258, licensed to Tuscaloosa, Alabama, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for a minor modification of its post-reassignment construction permit, File # 0000034330, that authorizes WSES to use channel 36 for its post-reassignment broadcasting. The instant application proposes only to change substitute a different model non-directional antenna and to slightly increase WSES's antenna height above ground level (AGL) by 1.8 meters to compensate for the slight difference in antenna length. This slight increase of less than 2 meters complies with Section 73.1690(c)(1) of the Commission's Rules. No other changes are herein proposed.

NON-DIRECTIONAL ANTENNA

The applicant proposes to substitute a new Dielectric model TFU-36ETT/VP-R O6 elliptically polarized non-directional antenna for its authorized Dielectric model TFU-30DSC/VP-R O6 elliptically polarized non-directional transmitting antenna. The substitute antenna's center of radiation will be located at a height above ground of 598.8 meters, and a height above average terrain of 660.8 meters. The antenna manufacturer's antenna data, including the horizontal azimuth pattern of the vertical signal component and the vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane are shown and tabulated in the antenna exhibit.

NO CHANGE IN ANY OTHER PARAMETERS

All remaining parameters remain unchanged. These include, but are not limited to, Predicted Coverage Contours, Allocation Considerations, Blanketing and Intermodulation Interference and Radio Frequency Impact.

OCCUPATIONAL SAFETY

The licensee of WSES is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WSES antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

SUMMARY

It is submitted that the instant application for minor modification of its post-reassignment channel 36 construction permit, file # 0000034330, to substitute a different non-directional antenna for its authorized non-directional antenna and slightly increase

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WSES's antenna height by 1.8 meters, as described herein, does comply with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: November 20, 2019

