



ENGINEERING STATEMENT OF CYNTHIA M. JACOBSON, P.E.  
IN SUPPORT OF A  
REQUEST FOR SPECIAL TEMPORARY AUTHORITY  
WTLN – ORLANDO, FLORIDA  
990 kHz – 50.0 kW DAY/14.0 kW NIGHT – DA-2  
Facility ID: 23442

Applicant: Salem Communications Holding Corporation

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 Registered Professional Engineer in the Commonwealth of Virginia, Registration No. 0402027914.

GENERAL

This office has been authorized by Salem Communications Holding Corporation (“First State”), licensee of Standard Broadcast Station WTLN, Orlando, Florida, to prepare this Engineering Statement in support of a Request for Special Temporary Authority to operate at variance from licensed parameters.

WTLN is licensed to operate on 990 kHz with a daytime power of 50.0 kW and a nighttime power of 14.0 kW. Both modes employ a directional array (DA-2).

It is believed that a component failure has contributed to an unexpected drop in phase and power in Tower #2 of the day array/Tower #3 of the night array. This tower is common to both arrays and is easily identified by ASR #1045538. Further investigation is underway to determine the problem.



It is requested that Special Temporary Authority be granted to permit WTLN to operate nondirectionally with no more than 25% of its licensed power to facilitate any repairs and adjustments necessary. The tower as identified by ASR #1045537, will be used as the nondirectional tower for the STA operation.

Following completion of repairs, appropriate notification to the Commission will be made.

SUMMARY

This statement was prepared by me or under my direct supervision and are believed to be true and correct.

DATED: February 17, 2021

