



ENGINEERING STATEMENT OF CYNTHIA M. JACOBSON, P.E.
IN SUPPORT OF A REQUEST FOR
SPECIAL TEMPORARY AUTHORITY
WNTP – PHILADELPHIA, PENNSYLVANIA
990 kHz – 50.0 kW DAY/10.0 kW NIGHT – DA-2
Facility ID: 52194

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 (“Salem”), licensee of Standard Broadcast Station WNTP, Philadelphia, Pennsylvania to prepare this statement in support of a Request for Special Temporary Authority to operate at variance from licensed parameters.

WNTP is a Class B station, presently licensed to operate on 990 kHz with a power of 50.0 kW day and 10.0 kW night. The day and night modes employ a four tower directional antenna system with different electrical parameters for each mode (DA-2).

The WNTP main transmitter has experienced a major failure and is unable to operate. It is respectfully requested that Special Temporary Authority be granted to allow

the operation of WNTP at a reduced power of 3.7 kW with the backup transmitter during daytime and nighttime hours while using the licensed daytime directional antenna array parameters for both modes.¹ The backup transmitter will not load into the licensed nighttime directional antenna parameters without numerous issues and hence the request to use the daytime pattern at the reduced power level for the night operation.

It is respectfully requested that the special temporary authority be granted to operate WNTP at variance from the license authorization at a reduced power until the repairs can be completed.

SUMMARY

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

DATED: March 17, 2023



¹ A 2.5 kW nondirectional night operation will result in substantially larger fields towards protections when compared to the herein proposed 3.7 kW nighttime STA operation using the licensed daytime antenna system.