



**STATEMENT OF JOHN E. HIDLE, P.E.  
IN SUPPORT OF AN APPLICATION FOR  
A MINOR MODIFICATION OF LICENSE  
FILE # 0000235419  
WCWF - SURING, WISCONSIN  
DTV - CH. 15 - 600 kW - 360 m HAAT**

Prepared for: WCWF 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 WCWF LICENSEE, LLC, licensee of WCWF, channel 15, facility ID number 73042, licensed to Suring, Wisconsin, 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 license, file number 0000235419. The instant application is intended to seek a slight reduction in the station's authorized Effective Radiated Power (ERP). The licensee has become aware that the main transmitter is not capable of providing sufficient output power to achieve an ERP of 700 kW when operating in the ATSC 3.0 Next Gen mode. It has been determined that the transmitter can provide an output power sufficient to comfortably achieve an ERP of 600 kW. The instant application seeks only to reduce the station's ERP to 600 kW.

## **RESULT OF AREA ANALYSIS**

The proposed reduction in ERP from the station's authorized 700 kW to 600 kW will result in a "loss" area between WCWF's authorized and proposed noise-limited contours. That total area over land where persons reside encompasses 459 square kilometers.

As shown in the map exhibit submitted herein the applicant has determined that the predicted "loss area" contains a total of 8,713 residents of which 7,950 will continue to receive five or more full-power DTV services, 16 persons will receive three services, 492 persons will continue to receive two services and 255 persons will continue to receive one service. No persons residing in the "loss area" is predicted to receive no service.

## **OCCUPATIONAL SAFETY**

The licensee of WCWF is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WCWF 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 a minor modification of its channel 15 license, file # 0000235419 to reduce its authorized ERP to 600 kW in order for the existing transmitter to provide sufficient output power to achieve the station's authorized ERP while operating in the ATSC 3.0 Next Gen mode. 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.

**STATEMENT OF JOHN E. HIDLE, P.E.**  
**WCWF - Suring, Wisconsin**  
**PAGE 3**

DATED: March 1, 2024

