

Explanation Regarding Request for Special Temporary Authority

West Central Ohio Broadcasting Company, Inc. (“West Central”), licensee of WFND-LP, Findlay, Ohio, hereby requests Special Temporary Authority (“STA”) to operate at variance from its licensed parameters using a temporary antenna pending FCC action on its underlying displacement application, FCC File No. 0000029918.

WFND-LP has been silent since May 18, 2017 due to transmitter failure. The station’s transmitter manufacturer was not able to provide technical support, so West Central purchased a new transmitter.

On April 28, 2018, as West Central commenced efforts to install the new transmitter, it was learned that something in the RF chain (antenna and transmission line) was defective. A tower crew arrived to assist to determine the cause of the defect. After multiple and time-consuming RF measurements, it was determined that the licensed Dielectric antenna had been damaged by lightning.

In order to get the station back on the air, a temporary antenna from ERI was installed. West Central had requested an antenna that matched the pattern of its licensed antenna. However, after the temporary antenna was installed, West Central determined that its antenna pattern is narrower and currently, the main lobe is oriented at one of the maximum lobes of the licensed pattern. See Attachment 1. The antenna specifications as received from ERI are as show in Attachment 2. WFND-LP resumed operation on April 30, with 15 kW, but with a more narrow coverage area.

As noted above, Because WFND-LD’s operation on Channel 22 will be displaced in September 2018, West Central has filed an application for displacement in the current window (FCC File No. 0000029918) to operate on Channel 19. West Central plans to move to Channel 19 as soon as it knows that it will have access to the channel.

Although no adverse technical effects are expected as a result of the operation, WFND-LP will take measures to resolve any problems that may occur as a result of the station’s operation and will endeavor to avoid producing interference to existing facilities in the area.