TYLER MEDIA
Oklahoma's Media Company

May 12, 2014

John C. Trent, Esquire
Putbrese Hunsaker & Trent, P.C.
200 South Church Street
Woodstock, VA 22664

RE: request for Special Temporary Authority, KOKC Oklahoma City

John:

Since late January, 2014, the KOKC Nautel NX50 transmitter has blown 41 RF modules. KOKC has operated on a series of reduced power STA's. The Nautel factory visited KOKC and requested various grounding changes. These changes were made but RF modules continued to fail. In March of this year, Nautel was able to replicate the mode of failure and sent the required replacement parts. After the requested modifications, KOKC resumed full power operation but with SWR trips. After a series of SWR trips, both Nautel and Jack Sellmeyer P.E. advised KOKC to run 20- KW until the source of SWR trips could be determined. We discovered the SWR trips were being caused by a failing capacitor in tower 2.

In addition to the above issue, KOKC has had an STA to operate at reduced power at night, pending a rebuild of its center tower (tower #2) antenna tuning unit. The unit was damaged when a tower climber dropped a full bucket of paint that fell through the roof, damaging most of the tuning components. Since that time, KOKC has been operating under an STA to operate at whatever lower power is required to bring the stations monitor points into compliance.

During his visit in late April, Jack Sellmeyer P.E. determined that both the tower 1 and tower 3 antenna tuning units, as well as tower 2, will require modifications prior to the conversion to the MOM pattern.

For these reasons, KOKC requests an STA to operate at 20 KW Omni directional day and 20 KW directional at night, pending modifications to the antenna tuning units, replacement of the center tower ATU roof and completion of the MOM proof.

Randall Mullinax
Chief Operator, KOKC

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