



**STATEMENT OF JOHN E. HIDLE, P.E.  
IN SUPPORT OF AN APPLICATION FOR  
MODIFICATION OF  
CONSTRUCTION PERMIT  
BPCDT-19991029ACT  
DTV STATION  
WDKA-DT – PADUCAH, KENTUCKY  
CHANNEL 50 - 195 kW - 327.0 m HAAT**

Permittee: WDKA Acquisition 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. 7418, and in the State of New York, Registration No. 63418.

**GENERAL**

WDKA Acquisition Corporation, the permittee of DTV station WDKA-DT, channel 50, Paducah, Kentucky, has authorized this office to prepare this statement, FCC Form 301 and associated exhibits in support of a request for modification of construction permit, BPCDT-19991029ACT. In accordance with Commission policies, as stated in Public Notice DA 06-1255 (*Notice*)<sup>1</sup>, released on June 14, 2006, regarding DTV stations with a tentative channel other than its current DTV channel, the permittee herein submits, prior to the use-it-or-lose-it deadline, the instant application for modification of its construction permit to specify the paragraph 78 facilities as specified in its recently submitted, pending

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<sup>1</sup> PUBLIC NOTICE: DTV Channel election Issues - Compliance with the July 1, 2006 Replication/Maximization Interference Protection Deadline; Stations Seeking Extension of the Deadline. MB Docket No. 03-15, DA 06-1255, Released June 14, 2006.

request for STA modification. The pending request for modification of its current Special Temporary Authorization, BEDSTA-20051024ADM, was made in accordance with policies set forth in the Commission's *Memorandum Opinion and Order on Reconsideration (MO&O)*<sup>2</sup>, to operate with facilities different from those currently authorized and different from those authorized in WDKA-DT's construction permit, BPCDT-19991029ACT.

The DTV facilities proposed herein differ from its facilities as authorized in its current construction permit in only three respects. The permittee has installed a channel combiner in order to share WDKA(TV)'s channel 49 licensed analog antenna, a Harris tri-lobe directional antenna, model TAD-24UDA-3/36. The permittee has determined that while utilizing the currently available DTV transmitter system the maximum ERP that can be achieved is 195 kW. The permittee therefore seeks modification of its construction permit to specify a HAAT of 327 meters instead of its currently authorized 324 meters, and an ERP of 195 kW instead of its currently authorized ERP of 1000 kW.

In order to continue to meet its DTV service commitment, WDKA-DT's permittee herein seeks modification of its construction permit to specify the paragraph 78 (*MO&O*) compliant facilities as described in its pending request for modification of STA

### **PROPOSED TECHNICAL PARAMETERS**

Digital station WDKA-DT is authorized to operate with an Effective Radiated Power of 1000 kW at an antenna height above average terrain of 324 meters using an omni-

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<sup>2</sup> *Memorandum Opinion and Order on Reconsideration* in MM Docket No. 00-39, 16 FCC Rcd 20594 (2001), paragraphs 34-36 and 78.

directional antenna. The permittee has installed a channel combiner in order to share WDKA(TV)'s licensed channel 49 antenna until the end of the transition period, at which time WDKA-DT will revert to its tentative DTV channel 49. The permittee's currently pending request for modification of STA will permit WDKA-DT to operate at a HAAT of 327 meters with an ERP of 195 kW while sharing the licensed analog antenna. The permittee herein requests modification of its construction permit to specify the shared directional antenna and to authorize WDKA-DT to operate with 195 kW ERP, instead of its authorized ERP of 1000 kW, and at a HAAT of 327 meters instead of its authorized HAAT of 324 meters. No other changes are requested. The pertinent technical parameters are shown in FCC Form 301.

### **ALLOCATION CONSIDERATIONS**

Since the instant application for modification of construction permit requests a reduction in ERP of currently authorized DTV facilities it is believed that no additional allocation studies are necessary.

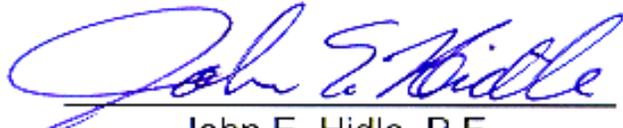
### **BLANKETING AND INTERMODULATION INTERFERENCE**

A number of both broadcast and non-broadcast facilities are located within 10 km of WDKA-DT's site. The permittee recognizes its responsibility to investigate and remedy complaints of interference which might be created by this proposal in accordance with applicable Rules.

**SUMMARY**

It is submitted that the request for modification of Construction Permit, as described herein, complies with the policies, rules and regulations of the Federal Communications Commission. This statement, FCC Form 301 and the associated 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.

Dated: June 27, 2006

  
John E. Hidle, P.E.

