



**KPTH 49 Sioux City, IA - Special Temporary Authority (STA) Request  
Facility ID No. 77451**

KPTH(DT) 49 Sioux City, IA (FAC ID 77451) has a Construction Permit to change to channel 30 during Phase 1 of the TV Repack. This STA request is to permit operation from an auxiliary antenna on the tower where KPTH is presently licensed, at a lower elevation and lower ERP, to facilitate work on the tower to implement the repack construction permit. KPTH will share the auxiliary antenna with KTIV 41 Sioux City, IA (FAC ID 66170) and KMEG 32 Sioux City, IA (FAC ID 39665) during construction of the post repack facility for the three stations.

The technical parameters for the proposed STA operation are as follows:

Latitude	42-35-12.0 N
Longitude	96-13-19.0 W
ASR No.	1057963
DTV Channel	49
Radiation Center above Ground	– 500.5 meters
RCAMSL	906.8 meters
Effective Radiated Power	320 KW
Dielectric Directional Antenna	TFU-24WB/VP-R C160
Pattern Rotation	176 degrees 0.5 degs beam tilt

Because the proposed STA facility will operate with technical parameters that are less than authorized in station's license (FCC File No. BLCDT-20061214ABC), no extension of the coverage area will result in any direction. The TVStudy Interference Check of the proposed STA facility (attached) shows there will be no impermissible interference. The STA is to be active until the main facility Construction Permit is implemented (Phase: 1 Completion Deadline: 11/30/2018).

*Carl T. Jones Corporation*

7901 Yarnwood Court, Springfield, Virginia 22153-2899 (703) 569-7704 Fax: (703) 569-6417