

TECHNICAL SUMMARY  
APPLICATION FOR CONSTRUCTION PERMIT  
TELEVISION STATION WQAD-TV  
MOLINE, ILLINOIS  
CHANNEL 31 868.0 KW (H), 289.0 KW (V) 329 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of WQAD-TV, Moline, IL (Channel 31). The proposed WQAD-TV facility will replace its existing non-directional top-mounted pylon antenna with a new non-directional pylon antenna of similar design with a small change in the antenna radiation center height from 326 m AGL to 325.2 m AGL. There will be no change in the overall structure height.

2. With the change in antenna radiation center height above ground, and given the registered antenna structure site elevation, the new antenna radiation center height above mean sea level is specified as 554.7 m. In addition, it is noted that the antenna radiation center height above average (HAAT) was re-calculated considering all changes.

3. There is no extension of the predicted service area relative to the baseline reassignment facility listed in the FCC’s Closing and Channel Reassignment (CCR) *Public Notice*. Also, the proposed facility is compliant with the 95% population service requirement relative to the CCR baseline facility as outlined in the CCR.

4. Lastly, the instant proposal is compliant with the city coverage requirements of Moline, which is demonstrated in the Predicted Coverage Contours exhibit.