

TECHNICAL SUMMARY
APPLICATION FOR CONSTRUCTION PERMIT
TELEVISION STATION KXNW(TV)
EUREKA SPRINGS, ARKANSAS
CHANNEL 25 57.8 KW (MAX-DA) 218 M HAAT

1. The instant application is the initial 90-day ‘Checklist’ application for the reassigned facilities of KXNW(TV), Eureka Springs, AR (Channel 25). The proposed KXNW(TV) facility will replace a side-mounted antenna with a new side-mounted antenna of similar type with no change in the antenna radiation center height. There will be no change in the overall registered structure height.
2. Although there is no change in the height of the antenna radiation center for the KXNW(TV) facility, it is noted that the antenna radiation center height above average (HAAT) was re-calculated to the value in agreement with that given by the FCC’s *TVStudy* analysis software.
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. The instant proposal is compliant with the principal city coverage requirements of Eureka Springs. This is illustrated in the Predicted Coverage Contours exhibit (Figure 1).