

WNKY-LD ENGINEERING STATEMENT
Marquee Broadcasting Kentucky, Inc.
Bowling Green, KY

The attached application is prepared on behalf of Marquee Broadcasting Kentucky, Inc, permittee of new unbuilt Digital Low Power TV Station WNKY-LD - Bowling Green, Kentucky. WNKY-LD is presently authorized to operate on Channel 16 with a maximum effective radiated power of 1.0 kilowatt using a directional antenna. Since the original grant of the WNKY-LD Channel 16 construction permit, co-channel station WBKI(TV) - Salem, Indiana has been authorized to increase its nondirectional effective radiated power to 860 kilowatts, resulting in an increase in the predicted interference to WNKY-LD to 66.7% (49,255 people). As a result, WNKY-LD should qualify for displacement relief to permit a change to an alternate channel.

This application proposes to displace WNKY-LD from Channel 16 to Channel 35, relocate the transmitter site, increase the effective radiated power to 15.0 kilowatts, and change from directional to nondirectional operation. As shown in the attached exhibit, these proposed displacement facilities will provide the required protection to all other stations requiring protection. A separate exhibit attached to this application documents that the proposed modified WNKY-LD facilities will comply with the FCC's requirements regarding human exposure to nonionizing radiation.

