

**MODIFIED APPLICATION FOR CONSTRUCTION PERMIT
WSOC-TV HOLDINGS, INC.
WAXN-DT, KANNAPOLIS, NORTH CAROLINA
CH 50 50 KW 348 METERS**

Environmental Considerations

This modified application for construction permit, reducing average effective radiated power from 200 to 50 kilowatts, requires only a new RF exposure determination. The digital operation of WAXN will be multiplexed into the same antenna already approved for use by WAXN-TV and WSOC-DT thus requiring no new tower or antenna construction.

A calculation made as prescribed in FCC OET Bulletin 65 shows the RF exposure from the proposed WAXN-DT operation at head height in the near vicinity of the tower to be only 0.02 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$), 0.004 percent of the maximum permissible exposure of $459 \mu\text{W}/\text{cm}^2$ for the general population/uncontrolled environment. The total RF exposure from all four television operations is only 0.11 percent of the maximum permitted.

Procedures to protect workmen from excessive RF exposure when working on the tower are already in place. Power is reduced or transmissions cease as required to comply with maximum permitted exposures.