RFR Statement of Compliance and Spurious Emissions Condition

The applicant proposes herein to side-mount a shared auxiliary antenna below the main WNMQ(FM) [Facility ID 54535] antenna. The antenna specified herein will function as a shared auxiliary (standby) antenna to be used in times of emergency by either WNMQ(FM) or WMXU(FM) [Facility ID 57710] or WSMS(FM) [Facility ID 6664]. When the proposed auxiliary facility is used by WNMQ(FM), by definition, the main WNMQ(FM) antenna will be off-the-air.

Based on the FCC's FM Model program, which considers the specific antenna type and predicts the power density at two meters above ground level, the proposed ERI MP Series, four-bay, half-wave spaced antenna (EPA Type 3) operating as proposed herein is predicted to produce a maximum worst-case power density of 0.034 $\mu W/cm^2$ at two meters above ground level. This represents only 0.017% of the FCC guideline value for uncontrolled RFR environments. Pursuant to Section 1.1307(b)(3) of the FCC rules, the proposal's power density contribution is insignificant.

Further, the applicant is committed to reducing power and/or ceasing operation during times of service or maintenance of the transmission systems as necessary to avoid potentially harmful exposure to personnel. In light of the above, the proposed facility should be categorically excluded from RF environmental processing under section 1.1307(b) of the commission's rules.

Finally, when two stations proposed to share an antenna, the Audio Division typically adds a special condition to these construction permits (for shared antennas) requiring measurements to demonstrate compliance with the spurious emission requirements in section 73.317 of the FCC rules. However, because only one station will use the auxiliary antenna specified herein at any given time (i.e. it will not function as a shared antenna), the applicant herein requests that the routine spurious emission condition be <u>omitted</u> from the auxiliary construction permit resulting from the instant application.