Human Exposure to Radiofrequency Electromagnetic Field
And Section 106 Compliance (Environmental)

Zimmer Radio of Mid-Missouri, Inc. ("Zimmer") is the licensee of KZWV, Facility ID #165951, Channel 270C2, Eldon, MO. Zimmer herein proposes a minor change application FCC Form 301 to modify KZWV to operate from a new transmit location. This will require the construction of a new tower, 499 feet in overall height. The Federal Aviation Administration has been notified by filing a Form 7460-1 Notice of Proposed Construction application. The FAA has made a Determination of No Hazard To Air Navigation for Aeronautical Study Number 2015-ACE-1351-OE for that application. Zimmer will also complete a Section 106 review and Phase One NEPA study and consult with the SHPO/THPO to determine if the proposed construction will have a significant environmental effect.

The coordinates of the proposed auxiliary site are located at 38º 22' 10.5" North, 92º 24' 32.5" West (NAD 27). The proposed transmitting antenna is an ERI Model MP-4E side mounted 4 bay full wave antenna operating at 24 kW ERP with a center of radiation of 450 meters AMSL and 145.7 meters above ground level.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. The maximum calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 6.736 $\mu W/cm^2$ at 59 meters, which is 3.368 percent of the general population/uncontrolled maximum permitted exposure limit.

The applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.