

RF EXPOSURE COMPLIANCE STATEMENT

On September 19, 2007, I conducted a power density survey of the property surrounding the shared KZJK-FM tower, also known as the Shoreview site. This tower supports the antennas of a number of television and FM radio stations that serve the Minneapolis, Minnesota area. The purpose of the survey was to satisfy a Special Condition on the KZJK-FM construction permit, BPH-20070322AEJ, that required RF measurements to be made to determine continued compliance with the Commission's maximum RF exposure rules.¹

A Narda model SRM-3000 Selective Radiation Meter, serial no. L-0018, and a 3-axis E-field probe model 3501/02, serial no. H-0123 calibrated March 22, 2007, was used for the evaluation. The survey procedures followed were as described in the manufacturer's operation manual and as outlined in the Commission's document OET Bulletin 65, Edition 97-01 and supplements. It was first confirmed that all licensees at the shared site were operating at their licensed effective radiated powers. KZJK-FM was operated at an ERP of 100 kW H & V for the purpose of the survey. A general sweep of the entire property within and outside of the fenced area was made to determine if there were any areas that appeared to approach the maximum permissible exposure level for the most restrictive standard.

Results of the preliminary survey indicated that at no location on the ground did the peak RF level exceed 9% of the MPE for General Population (most restrictive level). Based on this finding, no further measurements were conducted.

A well documented and closely followed plan is in effect whenever maintenance activities are performed on the tower. The plan adheres to the recommendation contained in the updated study completed by the consulting firm of Smith and Fisher on October 10, 2006. The underlying change in the KZJK-FM operation does not significantly change the maintenance safety procedures.

The site remains fenced and locked at all times with signs in place warning of a possible hazard.

Based on the recent site survey, it is determined that the KZJK-FM shared facility continues to be in compliance with the Commission's rules regarding radio frequency emission exposure.

Edwin L. Nass, Director of Spectrum Management
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¹ CBS had stated on its application for the underlying Construction Permit that calculations showed that the proposed modification to the KZJK-FM facility would not cause the radio frequency level emitted by KZJK-FM to exceed 5% of the Commission's most restrictive MPE at any location on the ground. No change to the KZJK-FM technical facility is proposed other than an increase in TPO and resulting ERP.