RADIOFREQUENCY RADIATION ASSESSMENT

This exhibit has been included to address the issue of allowable radiofrequency radiation levels (RFR). This application proposes a new FM Auxiliary for WLUM-FM with effective radiated power of 22 KW. The type of antenna that will be used for this auxiliary will be a six bay PSIFHR-6C full wave spaced 6 bay rototiller style FM antenna. This antenna is to be located on a pre-existing radio tower located on the top of a building in Milwaukee, WI. Due to this fact, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction to ensure that nearby areas do not exceed the Commission's exposure guideline values and that any roof or building areas are appropriately marked and fenced. The results of the survey will be provided with the application for license.

It should be noted that the transmitting tower and roof access doors will be appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction of power or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency electromagnetic fields will not exceed the FCC guidelines. All of this information demonstrates that this application will conform to the new FCC guidelines with respect to OET Bulletin No. 65 (Edition 97-01, August 1997), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields."