

### **Environmental Protection Act and RFR Study**

The proposed FM Facility (“271C3 Twin Falls”) has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commission’s FM Model Power Density Prediction program was employed to determine the Field. Using the Shively 6810 EPA Type antenna with 3 sections with 1 wavelength between sections, and the AGL height and ERP proposed in the 271C3 Twin Falls application, the highest predicted power density 2 meters above ground is less than 3% of the Uncontrolled Standard with a Power Density of 5.0 microwatts per square centimeter at a location 42 meters away from the base of the tower.

It should be noted that, concurrent with the instant application, the Applicant has also proposed that a new radio station (“232C3 Hazelton”) operating on channel 232C3 licensed to Hazelton, ID, co-locate its facilities to the same tower. Using the Shively 6810 EPA Type antenna with 3 sections with 1 wavelength between sections, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 3% of the Uncontrolled Standard with a Power Density of 4.1 microwatts per square centimeter at a location 45 meters away from the base of the tower.

Finally, radio station KMVX Jerome, ID, operating on channel 275C1 is licensed on this same tower. Using the ERI/Jampro Rototiller EPA Type antenna with 8 sections with 1 wavelength between sections, and the AGL height and ERP licensed to KMVX, the highest predicted power density 2 meters above ground is less than 18% of the Uncontrolled Standard with a Power Density of 35.1 microwatts per square centimeter at a location 29 meters away from the base of the tower.

Therefore, the combined predicted power density of all three facilities operating simultaneously through each antenna at a location 2 meters above the ground is not

expected to exceed 24% of the Uncontrolled Standard. There are no other emitters located within 100 meters of the tower.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

The proposed facility should be exempt from environmental processing because the facility would not be located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules.