

RF CERTIFICATION AND STATEMENT

The proposed antenna will be energized such that it produces .25 kW ERP from the center of radiation 162 meters above the ground. The applicant proposes to employ a single bay ERI Roto type antenna system. Based on the formulas expressed in OET bulletin No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" published by the Federal Communications Commission's Office of Engineering and applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 (**"Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services"**). The highest calculated power density can be found at a distance of 100.1 meters from the tower. At this location the value is 0.1133 uW/sq.cm. This value amounts to 0.0113 percent of the maximum for a "controlled" environment. In an uncontrolled environment, this amounts to 0.0567 percent of maximum. This proposal is in full compliance with all applicable FCC rules. These calculations were performed using the V-Soft Communications RFHaz program.

Regarding compliance with the nationwide programmatic agreement and NHPA Section 106 for tower co-location, the applicant has been informed by the FCC staff that compliance with the agreement is not required when: 1) the supporting structure was constructed prior to March 16, 2001; and 2) no new tower construction is proposed; and 3) the tower is not being substantially altered. Specifically, compliance is NOT necessary where an antenna and feed line are being attached to an existing structure. There is no change to the existing structure or antenna systems proposed with this action.

The applicant will post signs at the tower access to warn of the possible RF hazards. The applicant will also coordinate with any other occupants of the tower and will cease operation if a tower crew will be working on the structure.

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