Environmental Impact / Radio Frequency Radiation

None of the conditions specified in Section 1.1307 of the FCC rules that would require the preparation of an Environmental Assessment pertain with respect to the proposed facility. In particular, because the proposed facility will be installed as a replacement on a tower at an existing site, the proposed operation does not implicate many of the causes for further investigation and preparation of further reports.

With respect to Radio Frequency Radiation exposure, OET Bulletin No. 65 provides methods for evaluating the level of exposure for both employees (occupational/controlled situations) and non-employees (general population/uncontrolled situations). The combination of the antenna radiation pattern, as provided in the manufacturer's technical specifications, with the antenna height above ground level and the operating power level indicate that the potential exposure would be less than 5 percent of the Maximum Permissible Exposure (MPE) limit for general population/uncontrolled situations at the site.

To be precise, OET-65 methods produce an exposure estimate of approximately 0.850 percent of the limit for general population/uncontrolled situations. Since the facility has calculated exposure values of less than 5 percent of the relevant exposure limit, it is categorically excluded from requirements for detailed RF exposure analyses of the site.

Notwithstanding the foregoing, KIRO-TV, Inc. recognizes its responsibility for the safety and health of employees and contractors when exposed to RF radiation conditions. It will take the steps necessary to assure that personnel working in its facilities and on the tower and antennas are protected from exposure to RF radiation levels exceeding those specified in the Commission's rules. It will work cooperatively with other users of the site to assure a safe working environment for all. Added steps to be taken may include measurements and monitoring as well as power reduction or turning off the transmitter, if necessary to ensure a safe working environment.