

The overall height above ground of the tower (including appurtenances) is 152 meters. This structure is not located in an officially designated area or wildlife preserve. The facility will not affect listed threatened or endangered species or designated critical habitats and is not likely to jeopardize the continued existence of any proposed endangered or threatened species. The destruction or adverse modification of proposed critical habitats is also unlikely.

The proposed facility will not affect districts, sites, buildings, structures, or objects significant in American history, archeology, or culture that are listed in the National Register of Historical Places, or are eligible for such listing. Indian religious sites will not knowingly be affected.

The proposed facility will not cause, nor involve significant changes in surface features, such as wetland fill, deforestation, or water diversion. The antenna tower will not be equipped with high intensity white lights.

RF EXPOSURE COMPLIANCE

A determination of compliance with specified guidelines for human exposure to radiofrequency radiation was made using Tables 5 and 6 of Supplement A of OET Bulletin Number 65 (Edition 97-01), or by the formulae which derived the tables.

Since the combined maximum ERP (horizontal + vertical) of stations KVST and KUST will be 35.1 kilowatts, and the lower of the two centers of radiation of the antenna will be 124 meters above ground level, the proposed operation complies with the occupational exposure guidelines of 48.4 meters minimum height AGL (worst case), for personnel working at ground level.