

ENVIRONMENTAL STATEMENT

The proposed facility will operate with a radiation center of 55.2 meters above ground level. Assuming a maximum downward radiation field factor of 0.145 for KPAX-DT at a height above ground of 55.2 meters and 28 kilowatts effective radiated power (ERP), the total contribution of the station is $6.45 \mu\text{W}/\text{cm}^2$. The existing NTSC station operates with a radiation center of approximately 72 meters above ground level; assuming a maximum downward radiation field factor of 0.200 with an ERP of 275 kilowatts for KPAX-TV results in a RFF contribution of $17.17 \mu\text{W}/\text{cm}^2$. The sum of these values result in less than 2.5% of the Maximum Permissible Exposure (MPE) limit for controlled exposure and less than 12% of the MPE limit for uncontrolled exposure. The existing Construction Permit for the previous Digital Television Allotment on Channel 35 has been ignored since it is being replaced with the proposal. There are no other towers within 100 meters of the proposed operation.

An environmental assessment (EA) is categorically excluded under Section 1.1307 of the FCC Rules and Regulations since the licensee indicates:

- (a)(1) The proposed facilities are not located in an officially designated wilderness area.
- (a)(2) The proposed facilities are not located in an officially designated wildlife preserve.
- (a)(3) The proposed facilities will not affect any listed threatened or endangered species or habitats.
- (a)(3)(ii) The proposed facilities will not jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of critical habitats.
- (a)(4) The proposed facilities will not affect any known districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.

- (a)(5) The proposed facilities are not located near any known Indian religious sites.
- (a)(6) The proposed facilities are not located in a flood plain.
- (a)(7) The installation of the DTV facilities on the proposed guyed tower will not involve a significant change in surface features of the ground in the vicinity of the tower.
- (a)(8) The antenna structure is not located in a rural area.
- (b) Authorized personnel will be alerted to areas of the antennas where potential energy levels are in excess of the FCC guidelines as contained in OET Bulletin 65, Edition 97-01. A security fence with a locked gate at the base of the tower is proposed and will preclude access.