

KIPA(AM), Hilo, HI FAC# 3324
Environmental Protection

THE PROPOSED FACILITY IS EXCLUDED FROM ENVIRONMENTAL PROCESSING UNDER 47. C.F.R. SECTION 1.1306. THE FACILITY WILL NOT HAVE A SIGNIFICANT ENVIRONMENTAL IMPACT AND COMPLIES WITH THE MAXIMUM PERMISSIBLE RADIOFREQUENCY ELECTROMAGNETIC EXPOSURE LIMITS FOR CONTROLLED AND UNCONTROLLED ENVIRONMENTS). THE APPLICANT ALSO CERTIFIES THAT IT, IN COORDINATION WITH OTHER USERS OF THE SITE, WILL REDUCE POWER OR CEASE OPERATION AS NECESSARY TO PROTECT PERSONS HAVING ACCESS TO THE SITE, TOWER OR ANTENNA FROM RADIOFREQUENCY ELECTROMAGNETIC EXPOSURE IN EXCESS OF FCC GUIDELINES. NO NEW CONSTRUCTION WILL OCCUR, THIS IS A RADIATED POWER REDUCTION APPLICATION TO AN EXISTING FACILITY. SEE ENGINEERING STATEMENT INCLUDED HEREIN AS CDBS ATTACHMENT EXHIBIT 13.

The proposal does not meet any of the criteria specified in Section 1.1307 of the FCC Rules. More specifically, the proposed facilities are not known to fall within any of the categories enumerated in Sections 1.1307(a)(1)-(7) and will not involve the use of high-intensity white lights. Furthermore, the operation of the facility will not involve the exposure of workers or the general public to levels of radiofrequency electromagnetic fields exceeding guidelines adopted by the Federal Communications Commission. The radiator is surrounded by a gated, and locked fence enclosure as required by the Commission's rules that restricts access to the tower at distances greater than the OET minimum recommended distances for a radiator at or about 90 electrical degrees at 1060 kilohertz operating at 1-kilowatt of power.

Multiple Use Site Evaluation

Station	Frequency	Power (kw)	Radiator	OET No 65 Compliance Dist. (meters) Public	Distance, (meters)	OK
KIPA	1060 kHz	1.0	91.5 Deg.	1	> 1	YES
KHLO	850 kHz	5.0	73.4 Deg.	2	> 2	YES
K201EQ	88.1 MHz	0.23	54.9 m AGL	8.2	54.9	YES

Therefore, as noted in the above table, the proposal is within the Commissions standards. The licensee/applicant will comply with the Commissions guidelines and standards. Access to the tower is restricted, and suitable warning signs are posted. The applicant will reduce power or cease operation as necessary in coordination with any other site users during periods of maintenance, or installation of equipment.