

Station WORA-TV • DTV Channel 29 • Mayagüez, Puerto Rico

Statement Concerning Environmental Processing

An Environmental Assessment is not required, as grant of this application would not be considered a major environmental action. As detailed below, the proposed operation is calculated to comply at ground level with FCC guidelines limiting human exposure to radio frequency energy. The structure does not require registration with the Commission. None of the other factors specified in Section 1.1307 of the Rules are believed to apply.

The proposed transmitting antenna is a Jampro Type JTW-24/29 THC slotted cylinder having a broad cardioid azimuth pattern. The radiation center height of the antenna is 55 meters above ground. The maximum power density levels at 2 meters above ground for the proposed WORA-DT operation, calculated in accordance with OET Bulletin No. 65 (August 1997), is 17% of the 0.38 mW/cm² public exposure guideline applying at UHF TV Channel 29; this occurs at a location approximately 31 meters from the base of the tower on which the WORA-DT antenna is to be mounted. The area in which WORA-DT is calculated to contribute 5% or greater of its limit (*i.e.*, the area within which WORA-DT is calculated to be a “significant contributor” to the RF environment) extends about 50 meters from the base of the tower.

The proposed WORA-DT operation is at the Monte del Estado telecommunications site in the Municipality of Maricao. According to the FCC CDBS database, there are within 500 meters of the WORA-DT tower four licensed FM stations* and the NTSC operation of WORA-TV, Channel N05, Mayagüez. The maximum contributions of these nearby stations have been calculated within the area where WORA-DT is calculated to be a significant contributor at ground level; the maximum power density there, considering all of the sources described, is 45% of the public limit. Therefore, WORA-DT is calculated to comply with FCC guidelines for public exposure at ground level.

It is recommended that access to the structure on which the antenna is to be mounted and to associated radio frequency generating equipment be restricted and appropriately marked with explanatory warning signs.† In the event that workers or other authorized personnel enter restricted areas or climb the tower, it is also recommended that appropriate measures be taken to ensure worker safety with respect to radio frequency radiation exposure. Such measures may include wearing personal protective clothing and/or personal exposure monitors or scheduling work when the stations are at reduced power or shut down.

* WNOD, Ch. 231B, Mayagüez; WAEL-FM, Ch. 241B, Maricao; WUKQ-FM, Ch. 256B, Mayagüez; and WIVA-FM, Ch. 262B, Aguadilla. The transmitting facilities for these stations were described in a “Statement of William J. Getz in Support of an Application for Renewal of License: WNOD(FM) – Mayagüez, Puerto Rico,” dated September 24, 2003. A fifth station, WIOB-FM1, no longer appears in the CDBS and is assumed to have been removed.

† Warning signs should comply with ANSI C95.2 color, symbol, and content conventions. In addition, contact information should be provided (*e.g.*, a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter, and guidance from the landlord, local zoning or health authority, or appropriate professionals may be required.

