

# **EXHIBIT 17-A**

## **Human Exposure to Radiofrequency Electromagnetic Field & Section 106 Compliance (Environmental)**

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. 1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997, regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. Dimes Media Corporation. ("DMC"), licensee of Class D AM Station KYNS 1340 kHz, Facility ID No. 73039, San Luis Obispo, CA. DMC herein is filing an FCC Form 349 application for a new FM translator at Pismo Beach, CA. The application site is an existing tower 62.5 meters in overall height and associated with Antenna Structure Registration (ASR) number 1203251. The tower is located at 35° 09' 24" N ~ 120° 38' 10.3" W (NAD 27). The proposed antenna is a side mounted Nicom Model BKG77 1 bay circularly directional antenna with a center of radiation of 42 meters AGL. The antenna will be mounted at 40 degrees true azimuth. The new FM translator will operate on Channel 265D, 100.9 MHz, with 250 watts ERP at 134 meters HAAT. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of § 1.1306 of the FCC Rules. Because the proposed new facility proposes to operate from an existing tower, is exempt from a Section 106 review by the SHPO/THPO.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. The Nicom antenna is included in the recently revised OET FM Model Program under Type 2, Opposed "V" dipole. Using this antenna, the maximum calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 2.872  $\mu\text{W}/\text{cm}$  at 41 meters, which is 1.436 percent of the general population/uncontrolled maximum permitted exposure limit. This is well below the five percent threshold limit described in 1.1307(b) regarding sites with multiple emitters, which excludes applicant from responsibility for taking any corrective action in areas where the proposal's contribution is less than five percent.

The applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.