

EXHIBIT 16

ENVIRONMENTAL STATEMENT

for

Southern Oregon University
Radio Station KNHT FM
Rio Dell, California

This environmental statement has been prepared for Southern Oregon University (SOU), Licensee of Radio Station KNHT FM in Rio Dell, California to show compliance with the health and safety guidelines issued by the American National Standards Institute. SOU proposes to construct a new FM translator antenna on an existing antenna support structure presently used by AM station KPMO and FM station KMFB in Mendocini, California.

An Environmental Assessment (EA) is categorically excluded under 47 C.F.R. Section 1.1306(b) of the FCC Rules and Regulations since the Licensee's proposal does not:

1. Involve a site location specified under 47 C.F.R. Section 1.1307(a)(1) through (7).
2. Involve high intensity lighting under 47 C.F.R. Section 1.1307(a)(8).
3. Result in human exposure to radiofrequency radiation in excess of the applicable safety standards specified in 47 C.F.R. Section 1.1307(b), (ANSI C95.1-1982 and ANSI C95.1-1991).

The existing antenna site is in a rural area near Mendocini. The area surrounding the existing AM tower structure is protected by locked fence which is at all points greater than two meters from the tower in compliance with Table 2, Supplement A, OET Bulletin 65, page 4. This area should be considered an uncontrolled environment since the public could possibly have access to the area in the vicinity of the tower.

The Maximum Permissible Exposure (MPE) for FM frequencies in uncontrolled environments is $200 \mu\text{W}/\text{cm}^2$. The contributing radio frequency power density at a height of 2.0 meters above ground level from the proposed KNHT FM translator antenna radiating a total of 0.092 kW ERP-V may be determined by the equation (10) on page 23 of the FCC OST Bulletin No. 65 dated August 1997.

The relative field strength at depression angles between -30 and -90 degrees towards the ground for the Scala Model FMV-1 1 element FM antenna is less than 0.8. The center of radiation for the 1 element antenna is 47 meters above ground level.

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The maximum power density 2.0 meters above ground level from the proposed antenna is:

$$S = \frac{(33.4)(0.8)^2(92 \text{ watts})}{(45 \text{ m})^2}$$

$$S = 0.97 \text{ uW/cm}^2$$

The total radio frequency power density, at a height of 2.0 meters above ground level at the base and in the vicinity of the tower, resulting from the proposed KNHT FM operation will not exceed 1 uW/cm².

Therefore, the proposed installation does comply with ANSI and FCC specified guidelines for controlled and uncontrolled human exposure to radio frequency radiation. The tower structure is fenced to prevent unauthorized access. The Licensee will instruct all personnel to terminate RF radiations from this antenna when service work requires that persons climb the tower structure for any purpose.

The Licensee believes there is no significant effect on the human environment regarding public exposure or occasional visits by technical personnel and that warning signs are sufficient for proper notification of a potential hazard.

Site lease agreements for antenna and transmitter space at this tower site contain conditions to require compliance with all present and future FCC requirements for required protection of operating and technical service personnel from radio frequency radiations. The Applicant understands that interruptions to normal radio transmissions will be necessary when maintenance personnel must work on the tower structure.