

Exhibit 24 - Statement B  
**ENVIRONMENTAL CONSIDERATIONS**  
prepared for  
**Our Lady of Guadalupe Radio, Inc.**  
WRRO(FM) Edon, Ohio  
Facility ID 175485  
Ch. 210B1 15 kW 96 m

**Nature of The Proposal**

*Our Lady of Guadalupe Radio, Inc.*, (“*Our Lady*”) seeks authorization to modify its transmitter facility to use a directional antenna and to upgrade from a Class A to Class B1 at the same transmitter location. The proposed operation will employ a directional FM antenna system to be side-mounted on an existing tower structure (ASR number 1279204). The instant proposal is not believed to have a significant environmental impact as defined under Section 1.1306 of the Commission’s Rules. Consequently, preparation of an Environmental Assessment is not required.

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. The proposal does not involve an increase in the overall height of the existing tower structure. Consequently, notification with the FAA is not required.

**Human Exposure to RF Electromagnetic Field**

The proposed operation at this site was evaluated for human exposure to radiofrequency electromagnetic field using the procedures outlined in the Commission’s OET Bulletin No. 65 (“OET-65”). OET-65 describes a means of determining whether a proposed facility exceeds the radiofrequency exposure guidelines adopted in §1.1310. Under present Commission policy, a facility may be presumed to comply with the limits specified in §1.1310 if it satisfies the exposure criteria set forth in OET-65. Based upon that methodology, and as demonstrated in the following, the proposed transmitting system will comply with those guidelines.

The proposed facility will operate with an ERP of 15 kW with the antenna center of radiation 94.5 meters above ground level. It will utilize an PSI model PSIFM-3C-875WS-DA 3-bay, circularly polarized, directional antenna. The general population/uncontrolled maximum

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permitted exposure (“MPE”) limit specified in §1.1310 for Channel 210 (89.9 MHz) is  $200 \mu\text{W}/\text{cm}^2$ . The EPA computer program *FM Model* program was configured to use a 3-bay, 7/8-wavelength spaced EPA Type 2 (Opposed V Dipole) antenna with the WRRO operating parameters. The program predicted a maximum radiofrequency exposure of  $7.51 \mu\text{W}/\text{cm}^2$  or 3.76% of the “uncontrolled/general population” limit at ground level locations. There are no other broadcast facilities within 9 km of this this location. Locations accessible to the public have calculated radiofrequency fields that are well below the appropriate FCC limit. Consequently, members of the general public will not be exposed to RF levels in excess of the FCC’s guidelines.

**Safety of Workers and the General Public**

As demonstrated herein, excessive levels of RF electromagnetic field attributable to the proposal will not be caused at publicly accessible areas at ground level near the antenna supporting structure. Consequently, members of the general public will not be exposed to RF levels in excess of the Commission’s guidelines. Nevertheless, tower access will be restricted and controlled through the use of a locked fence. Additionally, appropriate RF exposure warning signs will be posted.

With respect to worker safety, a site exposure policy will be employed protecting maintenance workers from excessive exposure when work must be performed in the vicinity of or on the tower. Such protective measures may include, but will not be limited to, restriction of access to areas where levels in excess of the guidelines may be expected, power reduction, or the complete shutdown of facilities when work or inspections must be performed in areas where the exposure guidelines would otherwise be exceeded. On-site RF exposure measurements may also be undertaken to more specifically establish the bounds of safe working areas. The applicant will coordinate RF protective measures with other site users.

**Conclusion**

Based on the preceding, it is believed that the instant proposal complies with the RF exposure provisions of §1.1306 of the Rules.