

Exhibit 24
KMRW Minor Modification
Environmental Statement
Washington State University

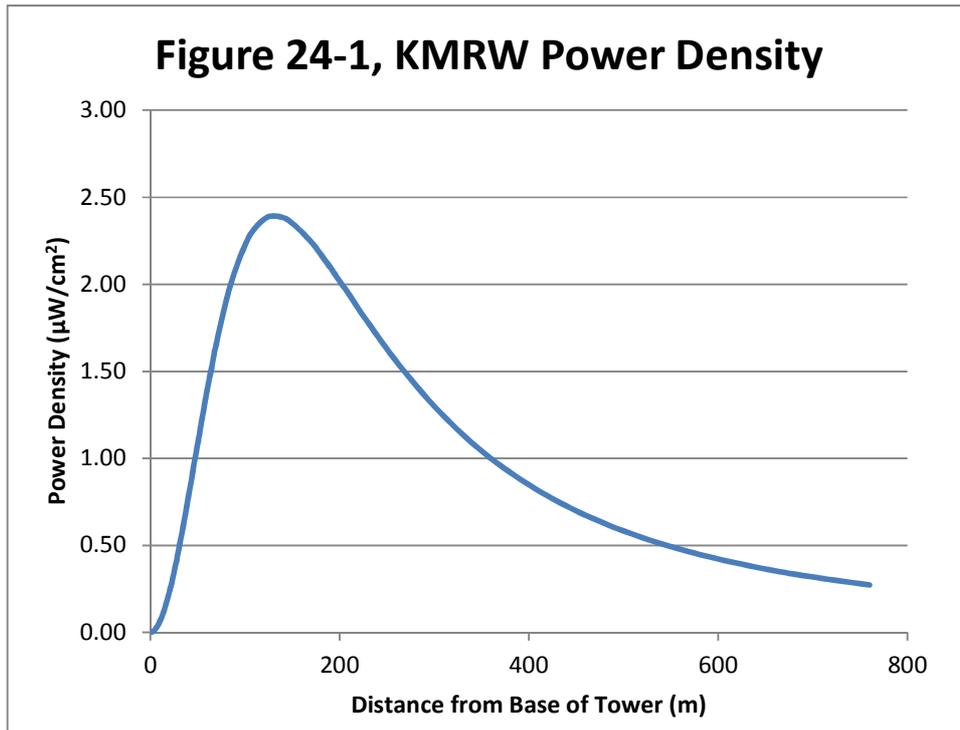
The proposed site is not in an officially designated wilderness area, wildlife preserve, flood plain, or near a site that is either listed or eligible for listing in the National Register of Historic Places. The proposed construction will not adversely affect any listed or proposed threatened or endangered species or their critical habitats, or any sites significant to Native American Religious practice, and will not involve any significant change in surface features. The applicant does not propose to change the authorized lighting of the registered antenna support structure.

The proposed facility is to be co-located with an existing AM facility (KWSU-AM, also licensed to the applicant) located in a rural area. The site itself is fenced and locked. There are no nearby residential or office sites that have occupants.

Included RF sources at the site are the proposed KMRW facility (channel 210A) and KWSU-AM (1250 kHz). Since the proposed antenna for KMRW is a Shively Model 6025 log-periodic antenna oriented in a slant (45 degree) polarization, the Commission's *FM Model for Windows* software could not be used to calculate exposure levels, therefore the applicant used the manufacturer's elevation data for the proposed antenna together with equation (10) of *OET Bulletin 65* to construct a radiofrequency radiation exposure model. Output for this model is shown in *Figure 24-1*. Calculations were made using an elevation of 2 meters above ground level (AGL), and combine the energy for both horizontal and vertical polarization.

As this model demonstrates, maximum exposure for the proposed facility will be $2.28\mu\text{W}/\text{cm}^2$ at a distance of 150m from the tower base, which is approximately 1.15% of the general population limit and thus *de minimus*.

With respect to KWSU-AM, referring to *OET Bulletin 65, Supplement A, Section 1, Tables 3 and 4*, this site is in compliance at a distance of 2 meters or greater from the tower base, and the installation of KMRW will not require any changes to comply with maximum permissible exposure (MPE) limits.



The applicant is cognizant of its responsibility to protect those workers whose duties require that they be in the vicinity of the antenna from exposure to radio frequency fields in excess of those outlined above. To that end, signage will be attached to the base of the antenna support structure warning all workers of the potential for harmful exposure and directing them to contact the responsible person at the proposed broadcast station. That person will ascertain whether the worker will be in areas where there is an exposure hazard, and if so, arrange to shut down the transmitter.

The permittee/licensee will also coordinate with other users of the site to reduce power or cease operation in order to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of Commission guidelines.

For these reasons, the applicant believes that a Commission grant of this application would not have a significant environmental impact.