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ENGINEERING REPORT

KIKO-FM, Claypool, AZ—Minor Modification Channel Displacement to 247A

EXHIBIT 31 - ENVIRONMENTAL STATEMENT

This proposal does not involve a site location specified under Section 1.1307(a) through (a)(8) of the FCC Rules.

This FM station proposal specifies an ERP that is less than 6 kilowatts (peak). Assuming: (a) a maximum ERP of 12 kilowatts (circular polarization); (b) a relative field of less than 0.3 in the critical downward angles; and (c) a distance of 36 meters from the lowest antenna element to 2 meters above ground level, the maximum power density is calculated as follows:

$$S = 33.4 (F)(F)(ERP) / [(R)(R)]$$

> Where,   S equals power density in uW/cm2
> F equals the relative field factor
> ERP equals the effective radiate power in watts
> R equals the distance in meters

$$= 33.4 (0.3)(0.3)(12,000) / [(36)(36)]$$

$$= 27.8 \text{ uW/cm}^2$$

27.85 uW/cm^2 represents less than the uncontrolled power density limit (200 uW/cm^2 for FM). The electromagnetic radiation from this proposed operation will not produce a value in excess of the radiation standard. The electromagnetic radiation from the proposed operation will not combine with other facilities on or near the structure to produce a significant change in value.

If this is a structure that may support various other operations, the applicant will cooperate with the other operators in establishing a plan for work done on the structure in close proximity to the existing antenna.