DELAWDER COMMUNICATIONS, INC.
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ENGINEERING REPORT

Obidia Porras
K26GN: Displacement Minor Modification (to Channel 64+)

EXHIBIT 9 - ENVIRONMENTAL STATEMENT

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

Assuming: (a) a maximum ERP of 10 kilowatts or less and circular polarization (for 24 kWs total with aural carrier); (b) a relative field of less than 0.2 in the critical downward angles; and (c) a distance of at least 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

$$= 33.4 \, (0.2)(0.2)(24{,}000) / [(36)(36)]$$

$$= 24.7 \text{ uW/cm}^2$$

24.7 uW/cm^2 represents less than the uncontrolled power density limit. 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.