ENVIRONMENTAL STATEMENT

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

The eight vertically-stacked panels of the UPSL antenna have a radiation centerline of 10 meters AGL and produce a maximum ERP of 15 kilowatts. Assuming: (a) a maximum ERP of 30 kilowatts (for circular polarity); (b) a relative field of less than 0.1 in the critical downward angles; and (c) a distance of at least 8 meters from the centerline 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

$$= 33.4 (0.1)(0.1)(30,000) / [(8)(8)]$$

$$= 156.6 \text{ uW/cm}^2$$

156.6 uW/cm^2 represents less than the uncontrolled power density limit (315.3 uW/cm^2 for UHF; 200 uW/cm^2 for VHF). 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.