

Exhibit E-1

NON-IONIZING RADIATION STUDY

A study has been completed of non-ionizing radiation on the ground in the vicinity of the proposed transmitting antenna system. That study utilized both the method described in OET bulletin 59 as well as the FCC computer program "FMMODEL".

The results of both studies indicate that the radiation on the ground will not exceed the values specified in IEEE/ANSI C95.1-1991. The output of the Commission's program is attached indicating that the maximum value of non-ionizing radiation is less than 5 microwatts per square centimeter. This is far below the acceptable values of MPE for general and controlled exposure.

Power Density vs Distance

