

Exhibit #24

ENVIRONMENTAL PROTECTION ACT

Mercer County Community College
Minor Modification to a Construction Permit
WWNJ
BPED-20090729ACM
Tom's River, New Jersey
Sept 2012

CH 216A

5.8 kW H & V DA

Mercer County Community College ("the applicant") proposes the use of an existing registered tower (ASR #1044747), built in 1974. Since the tower was constructed before March 2001, and the applicant proposes no change to the tower footprint or profile, no further environmental study is required.

The proposed antenna will be energized so that it radiates 5.8 kW in the horizontal and vertical planes, from a height above ground of 87.5 meters. Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the existing facility produces a worst-case maximum R.F. non-ionization radiation level at a position six feet above the tower base (head level - based on the C.O.R. of 87.5 meters above ground minus 2 meters) of 53.289 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). This figure is without regard for the antenna's vertical elevation field value toward the nadir, which will cause a reduction in the predicted "worst case" calculations. 53.289 $\mu\text{W}/\text{cm}^2$ is 5.33 percent of the maximum for a controlled area and 26.64 percent for an uncontrolled area.

Since "worst case" calculations were used, and since it is well known that the actual RF power density level is considerably reduced at vertical angles toward the nadir the applicant is confident that actual RF contribution of this antenna will be less than is predicted here.

After researching the Mass Media and ULS databases, it was determined that there are no other sources of RF emissions on the tower.

The proposed FM station will not contribute RF emissions over that which is permissible by Section 1.1307 of the FCC's Rules.

The applicant will protect workers on the tower by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.