

Exhibit #22

ENVIRONMENTAL PROTECTION ACT

The University of Massachusetts, Boston
New Station - Amendment to Pending Application
BNPED-20071019AUV
Milford, New Hampshire
September, 2008

CH 204A

0.24 kW H & V DA

The University of Massachusetts, Boston ("the applicant") proposes the use of an existing unregistered tower. According information obtained from the tower owner, Crown Castle International, they purchased the tower from Verizon Wireless in 1999. Since the tower was built prior to March 16, 2001, no further environmental processing was deemed necessary. The tower is fenced and posted with RF warning signs. Access to the area is therefore controlled.

The proposed one-bay, circularly polarized antenna will be energized such that it produces 0.24 kW effective radiated power from an antenna height above ground of 48 meters. Using 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, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 ("**Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services**".) the following table of exposure levels were developed for six common antennas.

Antenna (Type#)	Level at 2 m above ground ($\mu\text{W}/\text{cm}^2$)	% of maximum Controlled area
Jampro (#2)	1.432	0.14
ERI (#3)	0.614	0.06
Dielectric (#5)	1.637	0.16
Shively (#6)	0.102	0.01
Dielectric DCRM (#7)	0.679	0.07
Dielectric DCRQ (#8)	1.030	0.10

There are several cellular telephone antennas on the tower. They are all mounted more than 10 meters above ground and are categorically excluded.

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

Consequently, it appears that the proposed FM station, when using one of the six common antennas listed above, will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.