

## EXHIBIT # 16

### R.F. RADIATION COMPLIANCE STATEMENT

Channel 293 – 0.25 kW H & V  
Norwich, New York

November 2004

The proposed three-bay antenna will be energized such that it produces 0.25 kW effective radiated power, circularly polarized, from a center of radiation of 5.48 meters meters above the penthouse machine-room roof of a local building. Assuming someone standing on the penthouse machine-room roof and by 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**") a total, head-height, non-ionization radiation level of 6.82 microwatts per square centimeter was calculated. This calculation uses a proposed three-bay Shively 6812, type #6, element and array pattern as measured by the E.P.A. The calculated value amounts to only 0.6818 percent of the maximum for a controlled area and 3.41 percent for an uncontrolled area. There are no other sources of RF emissions at the proposed site; consequently the total percentage of radio frequency emissions does not exceed the Commission's maximums.

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

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