

COMMUNICATIONS SITE SAFETY PLAN

James Madison University

Center for Public Broadcasting

Occupational Access Plan - WMRA STL SITE

RF Safety Guidelines for employees and contractors working on Anthony-Seeger Hall Rooftop

Definitions

RFR - Radio Frequency Radiation, a type of non-ionizing radiation. Exposure to high levels of RFR may damage cells due to heating effects. Heating is dependent on exposure time AND level.

General/Uncontrolled access means that RF levels are below the threshold for which any special considerations are given. Access is not limited for RF safety reasons.

Occupational/Controlled access means that RF levels are above the threshold for which any special considerations are given. Access is limited for RF safety reasons.

- Workers may safely work in areas above the General/Uncontrolled threshold, but below the Occupational/Controlled threshold without time limits
- Workers are time and access restricted in areas above the Occupational/Controlled threshold

Specific Restrictions on Anthony-Seeger

The main beam of the dish antenna is above the rooftop level. There are no areas on the rooftop, including on the large HVAC unit, where levels above the general/uncontrolled limit may be encountered.

Employee and Worker Training

JMU Facilities Maintenance managers shall review these site restrictions with employees and contractors who may find themselves working within this area.

Special Notations

1. Any work with a crane or ladder ABOVE the rooftop level and within 10' of the front of the dish should be discussed in advance with the WMRA Director of Engineering.
2. The WMRA Director of Engineering, or a qualified designee, must be present during any work on the tower (pipe).

WMRA Director of Engineering
William D. Fawcett
fawcetwd@jmu.edu (540) 568-3809

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