

Appendix

- I. Fundamentals of Radiation Safety
 - A. Characteristics of Radiation
 - B. Units of Radiation Dose
 - C. Significance of Radiation Dose
 - 1. Fundamentals of Radiation Dose
 - 2. Radiation Protection Standards
 - 3. Biological Effects of Radiation
 - D. Levels of Radiation from Particle Accelerator Sources
 - E. Methods of Controlling Radiation Dose
 - 1. Exposure Time
 - 2. Working Distance
 - 3. Shielding

- II. Use of Radiation Detection Instruments
 - A. Instrument Operation
 - B. Calibration
 - C. Limitations on Detection
 - D. Monitoring Procedures

- III. Personnel Monitoring Equipment (Dosimetry)
 - A. Procedures for Issuance, Wearing, and Exchange of
 - B. Typical Exposures Expected
 - C. Methods to Keep Exposures ALARA

- IV. Applicable Requirements of Ohio Administrative Code

Dosimetry

- V. Registrant's Policies and Procedures
 - A. Safe Operating Procedures
 - B. Emergency Procedures
 - C. Interlock Testing Procedures
 - D. Specific Concerns Relating To the Accelerator

- VI. Operation and Control of Accelerator