

Environmental Health and Safety Office Research Administration

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CABINET X-RAY UNITS GENERAL SAFETY GUIDELINES

- 1. X-Ray source and objects exposed must be contained within a permanent enclosure.
- 2. Do not extend any part of the body through port into the primary beam.
- 3. Only trained/authorized personnel approved by Radiation Safety Office shall operate the equipment.
- 4. Equipment must be secured as to be inoperable by unauthorized persons when not in use.
- 5. A visible signal shall remain operative for the duration of x-ray production.
- 6. A control must be available that will enable the operator to initiate or terminate the production of x-rays other than the safety interlocks.
- 7. Each door of Cabinet X-Ray System shall have a minimum of two operative safety interlocks. Records must be maintained for any repairs made on the dual interlocks.
- 8. Only trained personnel are permitted to install, repair, or make modifications to equipment.
- 9. The Cabinet X-Ray System must cease x-ray production when the door is opened.
- 10. Any kind of accidental physical injury or radiation exposure must be reported to Radiation Safety Office immediately. Staff should report to Employee Health immediately for evaluation.
- 11. Any location changes, acquisition of new units, disposal, transfer, must be approved by the Radiation Safety Office.
- 12. A copy of Georgia State X-Ray Regulations is available at the Radiation Safety Office.

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