

Georgia Regents University

Policy Library

Pregnant Radiation Workers

Policy Owner: Environmental Health and Safety Division

POLICY STATEMENT

Radiation exposure to the developing fetus of occupational radiation workers shall be maintained as low as is reasonably achievable, and within federal and state regulatory limits. Reducing radiation exposures of declared pregnant employees may include modification of duties or reassignment, as appropriate, during the pregnancy to minimize or avoid occupational radiation exposure.

REASON FOR POLICY

To protect the fetus of workers occupationally exposed to ionizing radiation. A developing fetus is at greater risk of radiation injury than the employee. More rigorous radiation safety measures are required by state and federal regulation for an occupational radiation worker who voluntarily discloses her pregnancy to the Radiation Safety Officer.

AFFECTED STAKEHOLDER AND ORGANIZATION(S)

This policy applies to occupational radiation workers throughout the enterprise who voluntarily disclose their pregnancy to the Radiation Safety Officer for radiation protection purposes.

DEFINITIONS

Declared Pregnant Worker	An occupational radiation worker who has voluntarily informed the Radiation Safety Officer, in writing, of her pregnancy.
Dosimeter	A device worn by workers to measure their occupational exposure to radiation.
Ionizing Radiation	Waves or particles capable of removing one or more electrons from an atom.
Radiation	Energy emitted from an atom or nucleus in the form of particle or waves.

PROCESS & PROCEDURES

Radiation Safety Guide, page 32:

<http://www.gru.edu/services/ehs/radsafe/rmanual1/documents/RSG.pdf>

FORMS AND RELATED DOCUMENTS

Office of Compliance and Enterprise Risk Management Use Only

Policy No.: 605

Policy Sponsor: Type the title of the Executive Leader of the department.

Originally Issued: Not Set

Last Revision: 04/09/2015

Last Review: 04/09/2015

Pregnant radiation worker information: US Nuclear Regulatory Guide 8.13, *Instruction Concerning Prenatal Radiation Exposure*:

<http://pbadupws.nrc.gov/docs/ML0037/ML003739505.pdf>

Title 10 Code of Federal Regulations Part 20, *Standards for Protection against Radiation*, paragraph 1208, *Dose Equivalent to Embryo/Fetus*:

<http://www.nrc.gov/reading-rm/doc-collections/cfr/part020/full-text.html#part020-1208>

Georgia Rule 391-3-17-.03 *Standards for Protection against Radiation*, paragraph (5)(h) *Dose to Embryo/Fetus*:

<http://rules.sos.state.ga.us/docs/391/3/17/03.pdf>

Georgia Rule 290-5-22-.03 *Standards for Protection against Radiation*, paragraph 3(b)3:

<http://rules.sos.state.ga.us/docs/290/5/22/03.pdf>

Occupational Radiation Worker Pregnancy Declaration Form, Environmental Health and Safety Division. Contact the Personnel Dosimetry Program Coordinator, (706) 721-9826.

AUTHORIZING SIGNATURE

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TO BE USED BY THE OFFICE OF COMPLIANCE & ENTERPRISE RISK MANGEMENT

Policy No.: 13.3.4

Policy Owner: Environmental Health and Safety

Effective Date:

Version Number:

Revision History: