

# Augusta University

## Policy Library

### Pregnant Radiation Workers

Policy Manager: 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 as found in the Nuclear Regulatory Commission Title 10 CFR 20.1208. Reducing radiation exposures of employees who have voluntarily declared that they are pregnant may include modification of duties or reassignment, as appropriate, during the pregnancy to minimize or avoid occupational radiation exposure.

#### **AFFECTED STAKEHOLDERS**

*Indicate all entities and persons within the Enterprise that are affected by this policy:*

- Alumni     Faculty     Graduate Students     Health Professional Students  
 Staff     Undergraduate Students     Vendors/Contractors     Visitors  
 Other:

#### **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**

Augusta University Radiation Safety Manual: <https://www.augusta.edu/services/ehs/radsafe/> Page 25.

#### **REFERENCES & SUPPORTING DOCUMENTS**

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:

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Executive Policy Sponsor: AVP, Environmental Health and Safety Division

Next Review: 3/2024

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

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.

### **RELATED POLICIES**

None

### **APPROVED BY:**

Executive Vice President for Academic Affairs and Provost, Augusta University

Date: 3/22/2021

President, Augusta University

Date: 3/22/2021