



Regulations and Radiation Contacts

Radiation Safety Training

Module 6

- WKU personnel must abide by
 - WKU's Radioactive Material License
 - WKU's Radiation Safety Manual
 - WKU'S Radiation Producing Machines Safety Manual
 - State regulation 902 KAR 100
 - Any other applicable local, state, and federal regulations

License and Regulations

- WKU's Radioactive Materials License
 - Is a binding legal agreement with the Kentucky Cabinet for Health and Family Services which defines conditions under which we can use approved isotopes
 - It is posted in radioactive material areas
 - Can be requested from the RSO at any time.
- Any individual or action that jeopardizes the license endangers the permission of all authorized individuals who use radioactive materials at WKU

Radioactive Materials License

- WKU's Radiation Safety Manual
 - Defines our Radiation Safety Program and is incorporated as part of the WKU Radioactive Material License
 - Approved by the RSO, Radiation Safety Committee, and Cabinet for Health & Family Services
- Suggestions for revisions/corrections/additions to the manual are encouraged. Please contact the RSO
- The Radiation Safety Manual can be downloaded from <http://www.wku.edu/ehs/radiation/>

Radiation Safety Manual

- WKU's Radiation Producing Machines Safety Manual
 - Defines our Radiation Producing Machines Safety Program
 - Approved by the RSO and Radiation Safety Committee
 - Suggestions for revisions/corrections/additions to the manual are encouraged. Please contact the RSO.
 - The Radiation Producing Machines Safety Manual can be downloaded from <http://www.wku.edu/ehs/radiation/>

Radiation Producing Machines Safety Manual

- Regulations set by the KY Cabinet for Health and Family Services pertaining to radiology
- <http://www.lrc.state.ky.us/TITLE902.htm>
- Contact the RSO if you have questions

902 KAR 100

- The following are additional regulations that may apply:
 - Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) - 10 CFR
 - Basis for 902 KAR 100
 - Kentucky is an agreement state meaning regulatory control given to State
 - Department of Transportation (DOT) - 49 CFR
 - Occupational Safety and Health Administration (OSHA) - 29 CFR
 - Environmental Protection Agency (EPA) – 40 CFR

Other Regulations

- Any violation of policy or regulations may result in revocation of use privileges by the Radiation Safety Committee or RSO. The RSO has the authority to terminate any activity employing radiation which is a threat to health or property after notification of the person in charge.

Non-Compliance Policy

- Sarah Grant, RSO
 - Office: 270-745-3597
 - Fax: 270-745-5037
 - E-mail: sarah.grant@wku.edu

Radiation Safety Officer

- Ensures radiation safety program is conducted safely and according to all applicable licenses, registrations, and regulations
- Has the authority to terminate unsafe activities, recommend actions to RSC regarding authorization issues, recommend or order action to correct deficiencies, etc.
- See Radiation Safety Manual Section 1.2 for complete listing of responsibilities and authority

Radiation Safety Officer

- Dr. Greg Arbuckle, 5-4449, RSC Chair
- Ms. Barbara Bush, 5-3825
- Ms. Sarah Grant, 5-3597, Radiation Safety Officer
- Dr. Ivan Novikov, 765-441-2117
- Dr. Claire Rinehart, 5-6892
- Ms. Naomi Rowland, 5-6931
- Dr. Cathleen Webb, 5-6181
- Ms. Melna Wilson, 5-2395, RSC Secretary

Radiation Safety Committee

- Comprised of individuals that have past or current experience using the various types of radiation sources represented by the WKU radiation program
- Establishes and reviews radiation protection program to maintain radiation exposure ALARA and always below regulated levels
- Ensures University compliance with regulations and license
- Annually reviews the Radiation Safety Program
- Has the authority to grant, deny or suspend authorization to use radioactive materials, radiation producing equipment
- See Radiation Safety Manual Section 1.1 for complete listing of responsibilities and authority

Radiation Safety Committee

- Radiation Health Branch
 - 502-564-3700
 - 502-564-7815 (24-hour Emergency)
- Communication with the Radiation Health Branch can be done through the RSO
- You have the right to contact the Cabinet directly if there is a safety concern you think is not being addressed by the RSO and/or the Radiation Safety Committee.

Kentucky Cabinet for Health & Family Services