

## SECTION 4

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### ALARA PROGRAM

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#### 4.1 POLICY

The Louisiana State University and A&M College radiation safety program will be conducted in such a manner that exposure to faculty, staff, students, the public and the environment will be **As Low As Reasonably Achievable (ALARA)** and that no radiation exposure will be received without societal benefit. This will be accomplished without impeding legitimate research or realistic teaching objectives.

#### 4.2 MANAGEMENT COMMITMENT

Louisiana State University and A&M College is committed to make every reasonable effort to minimize radiation exposures to employees, through the following control measures:

- a. Personnel will be made aware of management's commitment to maintain low exposure levels.
- b. Management will periodically review operating procedures with the Campus Radiation Safety Officer to determine steps taken to reduce exposures.
- c. Management will ensure that the person, or persons, selected for the Campus Radiation Safety Officer responsibilities are fully qualified to administer all aspects of a radiation protection program.
- d. Management will ensure that all employees engaged in the use of radioactive materials and/or radiation producing equipment are fully trained in the area of radiation safety. This will be reviewed at least once every three years, and additional training will be scheduled as necessary.
- e. The Campus Radiation Safety Officer has full authority to enforce safe operation and to communicate as required with appropriate levels of management to halt an operation as he/she deems unsafe.

#### 4.3 VIGILANCE BY THE RADIATION SAFETY OFFICER AND RADIATION PROTECTION STAFF

The Campus Radiation Safety Officer has the responsibility to monitor the Campus Radiation Safety Program to ensure that exposures are ALARA and to search for new and better ways to perform jobs with less exposure in order to adhere to the ALARA concept. The following aspects apply to this responsibility:

- a. The Campus Radiation Safety Officer shall know the origins of radiation exposure and be aware of trends in exposures.
- b. Should unusual exposures occur, the Campus Radiation Safety Officer shall initiate an investigation of the circumstances to determine causes and prevent the likelihood of recurrence. Operating procedures should periodically be reviewed to identify situations in which exposures can be reduced.

**SECTION 4, CONTINUED**

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- c. The Campus Radiation Safety Officer shall be responsible for ensuring that the equipment used is maintained in good working order and used properly. Written procedures for use of the equipment are to be available and followed.