



ADMINISTRATIVE
POLICIES AND PROCEDURES MANUAL

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SUBJECT
SECURITY AND SAFETY

SUB-TOPIC

RADIATION SAFETY POLICIES

Use of radiation sources is strictly controlled under state and federal law. All persons who receive, possess, use, transfer, own or acquire any source of radiation are governed by the Texas Regulations for Control of Radiation, except where such persons are subject to the regulations issued by the Nuclear Regulatory Commission (successor to the Atomic Energy Commission for all licensing and regulatory functions); such regulations are primary over those of the State of Texas.

Neither set of regulations shall be interpreted as limiting the intentional exposure of patients to radiation for the purpose of medical diagnosis or therapy; provided, however, that no radiation may be deliberately applied to human beings except by or under the supervision of an individual authorized by and licensed in accordance with Texas statutes to engage in the healing arts.

- A. Duties of Radiation Safety Officer: The UTD Radiation Safety Officer shall ensure that this institution is in compliance with the provisions of the Texas Regulations for the Control of Radiation.
- B. Licensing: The State of Texas requires that no person shall receive, possess, use, transfer, own, or acquire radioactive material except as authorized in a specific or general license issued pursuant to Part 41 of the Texas Regulations for Control of Radiation. There are several specific exemptions which are cited in Paragraph 41.3 of the Regulations. No person at the University is to be licensed without approval of the Radiation Safety Committee.

Within The University of Texas at Dallas, the Radiation Safety Officer will coordinate all matters relating to licensing.

- C. Storage and Inspection of Materials: Sources of radiation must be secured against unauthorized removal from the place of storage.

Caution signs, labels, and signals must be used and conspicuously posted in accordance with Paragraph 21.203 of the Texas Regulations for Control of Radiation. Radioactive materials must be inspected and surveyed at least once each quarter.



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RADIATION SAFETY POLICIES, Continued

- D. Disposal: The University of Texas at Dallas currently disposes of its radioactive materials by transfer to an authorized recipient as provided in Part 41 of the Texas Regulations for Control of Radiation.
- E. Records, Reports and Notification: Records of surveys, radiation monitoring and disposal must be maintained in accordance with Paragraph 21.401 of the Texas Regulations for Control of Radiation.
- F. Purchase of Radioactive Materials: Any proposed acquisition of radioactive materials must first be approved by the UTD Radiation Safety Officer who ensures that the University has a license for such material and that the quantity being requested does not exceed that authorized in the license. The Radiation Safety Officer will place the appropriate license number on the purchase requisition for further processing by the UTD Procurement Management Office.