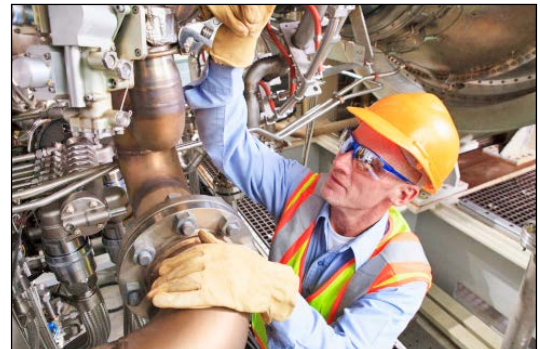


The Delaware Radiation Control Program Protects.

Delawareans benefit every day from the use of ionizing radiation when receiving routine x-rays at the dentist's office, having a screening for the early detection of cancer or osteoporosis, or visiting an emergency room to receive medical treatment for broken bones or other injuries.

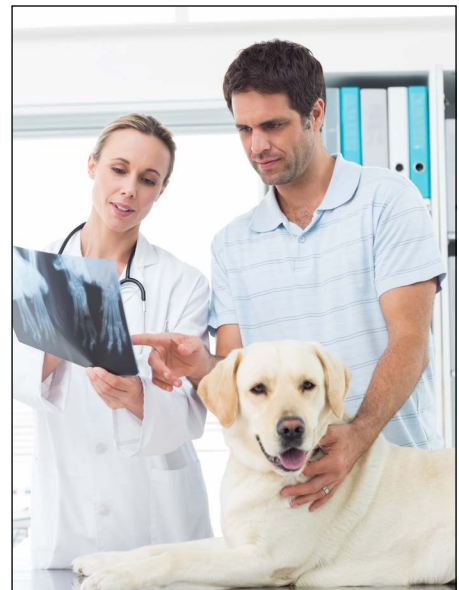
Ionizing radiation has enough energy to break chemical bonds and make changes in some materials, such as x-ray film. X-rays are generated by a variety of machines to see into everything from patients' bodies to welds on industrial pipes, to make measurements in precision manufacturing, and to provide security screening of packages or containers.



Radiation has many beneficial uses, and advanced medicine, dentistry, and veterinary practices have improved quality of life for decades. Physicians and technologists performing radiation procedures are trained to use the minimum amount of radiation necessary to protect the patient.

Since excessive radiation exposure can be harmful, there are radiation safety systems or protocols in place to limit exposure to workers, and the general public in all types of radiation facilities.

The Office of Radiation Control (ORC), located within Delaware Health and Social Service Division of Public Health, regularly inspects radiation facilities to ensure that x-ray equipment is operated safely by trained, qualified staff. The agency works in partnership with many disciplines throughout the practice community to provide a framework for effective collaboration to enhance radiation safety, improve health outcomes, and enhance quality of life for all Delawareans.



For more information about the Delaware Radiation Control Program, visit <http://www.dhss.delaware.gov/dhss/dph/hsp/orc.html>, or call 302-744-4546.