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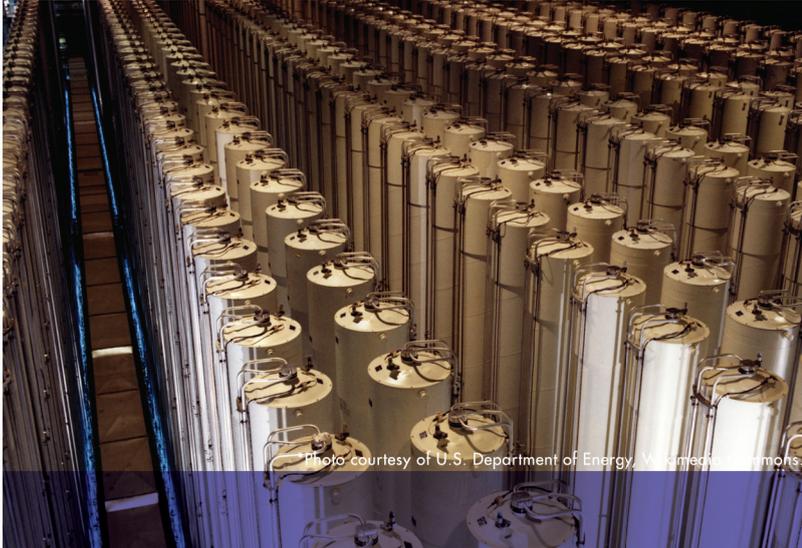


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- Radiological isotopes have a wide variety of applications, including industrial radiography, gauging applications, mineral analysis, flow tracing, mixing measurements, sterilization, aircraft manufacturing, oil exploration, and others.
- The economic benefits that arise from these industries add up to hundreds of billions of dollars.
- There is a strong renewed national security interest in having a domestic supply of radioisotopes, mainly technetium-99 and molybdenum-99. Several large facilities are under construction or are in the permitting process.
- Technicians in this growing field are similar to health physics technicians but will need additional education and training in subjects such as hot cell operations, spectroscopic methods, short half-life material handling, and solid state physics.



This material is based upon work supported by the National Science Foundation under Grant No. 1104238. Any opinions, findings, conclusions, or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.