

“Radiological Security through Alternative Technology: the DOE/NNSA Approach”

Lance Garrison

Lance Garrison manages the Domestic Alternative Technologies portfolio in the NNSA Office of Radiological Security (ORS). In this role Lance supports the ORS mission to reduce the global reliance on high-activity radioactive sources by promoting the adoption and development of non-radioisotopic alternative technologies. Lance manages research, development, testing, and evaluation projects for novel alternative technologies; as well as the Cesium Irradiator Replacement Project, a voluntary program that helps users of high-activity source-based irradiators switch to source-free alternatives

Lance previously served the NNSA Office of Defense Nuclear Nonproliferation Research and Development as a 2015 NNSA Graduate Fellow. In that role he supported Program Managers in a variety of missions including Radiological Source Replacement R&D.

Lance holds a Ph.D. in nuclear physics from Indiana University and bachelor's degrees in physics and mathematics from the University of Missouri.