

## What's New for the Department of Energy's (DOE) Long-Term Stewardship (LTS)

<https://www.directives.doe.gov/directives/0458.1-BOrder/view>

On 11 February 2011, the Department replaced its DOE Order 5400.5 *Radiation Protection of the Public and the Environment*, Chg 2, dated 1-7-93 except for Chapter III (—Derived Concentration Guides for Air and Water||) and Figure IV-1 (—Surface Contamination Guidelines||) with a new *DOE Order 458.1 Radiation Protection and the Environment*.

In DOE Order 458.1, DOE establishes more requirements to protect the public and the environment against undue risk from radiation (including long-term stewardship requirements) associated with radiological activities conducted under the control of the Department of Energy (DOE) pursuant to the Atomic Energy Act of 1954, as amended (AEA). This Order, along with other environmental regulations and requirements, ensures DOE will:

- (1) Conduct radiological activities so that exposure to members of the public is maintained within the dose limits established in this Order;
- (2) Control the radiological clearance of DOE real and personal property;
- (3) maintain potential radiation exposures to members of the public as low as is reasonably achievable;
- (4) Provide the capabilities, consistent with the types of radiological activities conducted, to monitor routine and non-routine radiological releases and to assess the radiation dose to members of the public; and
- (5) Provide protection of the environment from the effects of radiation and radioactive material