

**Free resources** cited in the April 27, 2022 webinar,  
“Use of Performance Assessment to Support Decision-  
Making,” by Roger Seitz

# IAEA Safety Standards

for protecting people and the environment

## Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards

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General Safety Requirements Part 3

No. GSR Part 3



[https://www-pub.iaea.org/MTCD/publications/PDF/Pub1578\\_web-57265295.pdf](https://www-pub.iaea.org/MTCD/publications/PDF/Pub1578_web-57265295.pdf)

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# ICRP

## Annals of the ICRP

ICRP Publication 103

The 2007 Recommendations of the International  
Commission on Radiological Protection



# IAEA Safety Standards

for protecting people and the environment

## The Safety Case and Safety Assessment for the Disposal of Radioactive Waste

Specific Safety Guide

No. SSG-23



**IAEA**

International Atomic Energy Agency

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Not Measurement Sensitive

DOE-STD-5002-2017  
May 2017

## DOE STANDARD

# DISPOSAL AUTHORIZATION STATEMENT AND TANK CLOSURE DOCUMENTATION



**U.S. DEPARTMENT OF ENERGY**  
**WASHINGTON, D.C. 20585**

<https://www.standards.doe.gov/standards-documents/5000/5002-astd-2017/@@images/file>

# Methods for Safety Assessment of Geological Disposal Facilities for Radioactive Waste

Outcomes of the  
NEA MeSA Initiative



NUCLEAR ENERGY AGENCY



# A Performance Assessment Methodology for Low-Level Radioactive Waste Disposal Facilities



Recommendations of NRC's Performance  
Assessment Working Group



U.S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001



<https://www.nrc.gov/docs/ML0532/ML053250352.pdf>

# **GROUND WATER MODELS**

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