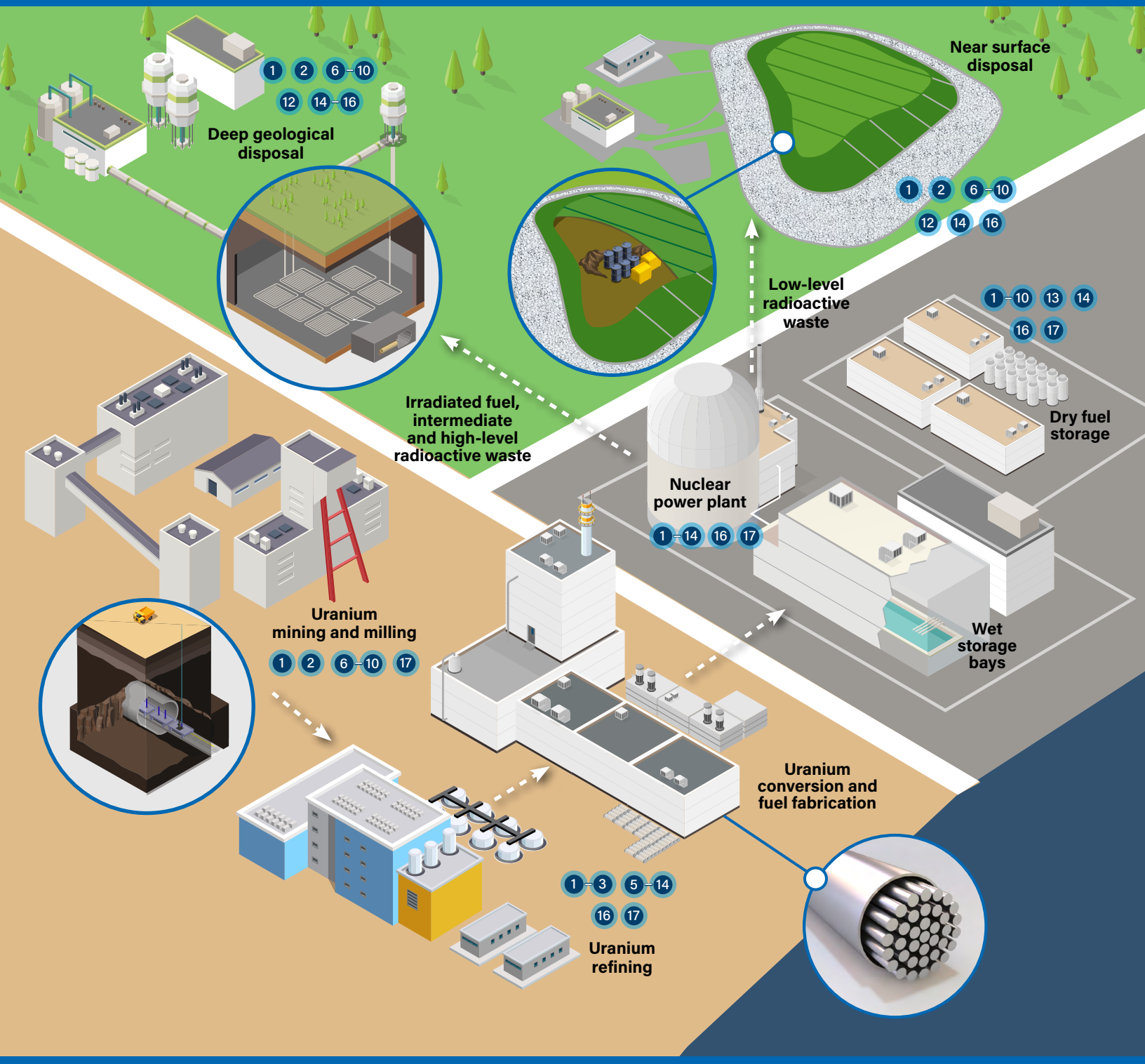
CSA Group Standards for Environmental and Radioactive Waste Management and Decommissioning of Nuclear Facilities

CSA Group has been working to develop standards related to nuclear power generation for almost five decades. The suite of CSA standards for environmental management, radioactive waste management, and decommissioning of nuclear facilities provides a comprehensive framework that helps minimize risks, protect the environment, and promote sustainability and reliability across the nuclear fuel cycle within Canada and internationally.



The illustration represents generic facilities across the nuclear fuel cycle and some applicable CSA standards. Users should review the standards and judge their suitability for a particular purpose.

©2025 Canadian Standards Association. All rights reserved.

CSA Group Standards for Environmental and Radioactive Waste Management and Decommissioning of Nuclear Facilities



Overall requirements

1. **CSA N286**, *Management system requirements for nuclear facilities*

Environmental management for nuclear facilities

2. **CSA N288.0**, *Environmental management of nuclear facilities: Common requirements of the CSA N288 series of Standards*
3. **CSA N288.1**, *Guidelines for modelling radionuclide environmental transport, fate, and exposure associated with the normal operation of nuclear facilities*
4. **CSA N288.2**, *Guidelines for calculating the radiological consequences to the public of a release of airborne radioactive material for nuclear reactor accidents*
5. **CSA N288.3.4**, *Performance testing of nuclear air-cleaning systems at nuclear facilities*
6. **CSA N288.4**, *Environmental monitoring programs at nuclear facilities and uranium mines and mills*
7. **CSA N288.5**, *Effluent monitoring programs at nuclear facilities and uranium mines and mills*
8. **CSA N288.6**, *Environmental risk assessments at Class I nuclear facilities and uranium mines and mills*
9. **CSA N288.7**, *Groundwater protection programs at nuclear facilities and uranium mines and mills*
10. **CSA N288.8**, *Establishing and implementing action levels for releases to the environment from nuclear facilities*
11. **CSA N288.9**, *Guidance for design of fish impingement and entrainment programs at nuclear facilities*

Radioactive waste management

12. **CSA N292.0**, *Radioactive waste management: Common requirements of the CSA N292 series of Standards*
13. **CSA N292.4**, *Storage of radioactive waste and irradiated fuel*
14. **CSA N292.5**, *Guideline for the exemption or clearance of materials that contain, or potentially contain, nuclear substances*
15. **CSA N292.7**, *Deep geological disposal of radioactive waste and irradiated fuel*
16. **CSA N292.8**, *Characterization of radioactive waste and irradiated fuel*

Decommissioning of nuclear facilities

17. **CSA N294,** *Decommissioning of facilities containing nuclear substances*

Learn more

csagroup.org/EnvironmentalManagement
nuclearstandards@csagroup.org

©2025 Canadian Standards Association. All rights reserved.