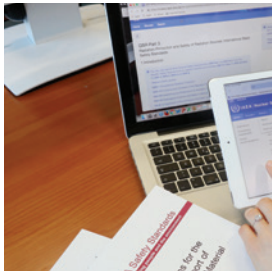


USER GUIDE | NSS-OUI

Nuclear Safety and Security – Online User Interface tips

IAEA
International Atomic Energy Agency
Atoms for Peace and Development

The IAEA safety standards

The IAEA safety standards provide a robust framework of fundamental principles, requirements and guidance for ensuring safety. They contribute to the establishment of a harmonized high level of safety worldwide by serving as the global reference for protecting people and the environment against radiation risks.

The publication Fundamental Safety Principles (SF-1) establishes the fundamental safety objective and 10 principles of protection and safety.

An integrated and consistent set of Safety Requirements publications establish the requirements that must be met to ensure the protection of people and the environment, both now and in the future. The requirements are governed by the objectives and principles of the Safety Fundamentals.

Safety Guides provide recommendations and guidance on how to comply with the requirements. They contain measures considered necessary by an international consensus.

The IAEA nuclear security guidance

Nuclear security focuses on the prevention of, detection of, and response to, criminal or intentional unauthorized acts involving or directed at nuclear material, other radioactive material, associated facilities, or associated activities. These are addressed in IAEA Nuclear Security Series, which comprises four sets of publications:

- The Nuclear Security Fundamentals establish the fundamental objective and essential elements of a State's national nuclear security regime.
- Nuclear Security Recommendations set out measures that States should take in order to achieve and maintain an effective regime.
- Implementing Guides provide guidance on how States can implement the Recommendations.
- Technical Guidance publications provide more detailed guidance on specific methodologies and techniques for implementing security measures.

The purpose of the NSS-OUI platform

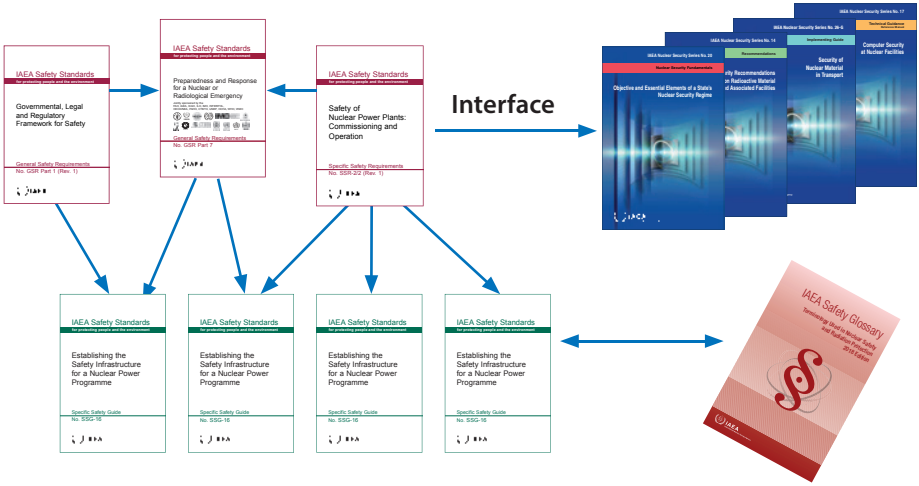
- To support the use and application of the IAEA Safety Standards and Nuclear Security Series publications by enabling easy access to their content.
- To reflect comprehensive information about newly issued or superseded publications, as well as to inform about additional IAEA guidance and resources on a topic of interest.
- To establish an easily accessible means of providing users' feedback on the IAEA Safety Standards and Nuclear Security Series publications, so that their review and revision can be informed by the systematic collection and analysis of feedback, thereby ensuring that any revisions are justified.
- To maintain technical consistency between publications by managing them as a series.
- To enhance semantic consistency through the systematic use of harmonized terminology, including embedded links to IAEA Safety Glossary definitions.

Features of the NSS-OUI Platform

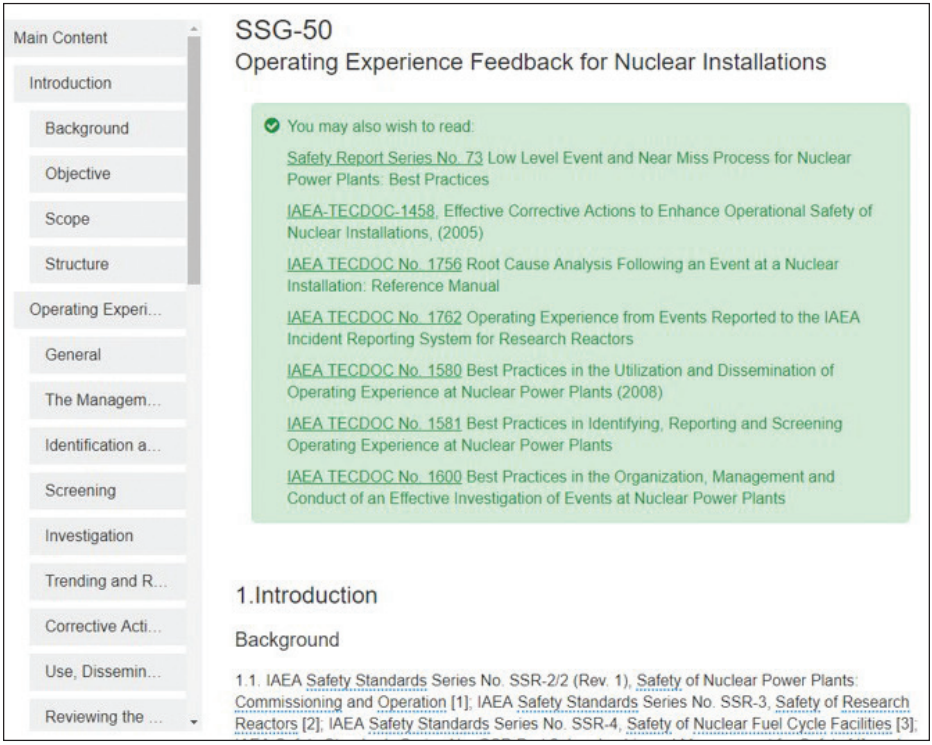
- Structured and ‘smart’ approach for managing the content of IAEA Safety Standards and Nuclear Security Series publications.
- Facilitates open access to the content of the publications, enables online navigation through the series, and provides an advanced search capability.
- Additional notes that provide users with information on other relevant publications and updates of references.
- Links to the IAEA publications’ web page which provides access to available translations.
- Links to IAEA Safety Glossary definitions.
- A feedback tool for authorized users to leave comments on publications;
- Multiple output formats (html, PDF, and epub).
- Multiple browser compatibility and access via multiple devices including computers, tablets and smartphones.

Content and relationship management through metadata and explicit relationship information

- The ‘top down’ development approach was adopted for the IAEA Safety Standards and the Nuclear Security Series publications. Therefore, the Safety Requirements do not generally reference the related Safety Guides and the Nuclear Security Recommendations do not generally reference the related guidance.
- Requirements and recommendations refer only to other requirements and recommendations that existed when they were developed.
- NSS-OUI enables users to see the relationships between all publications, regardless of their hierarchical order. NSS-OUI also enables users to find information on new requirements and recommendations. This information is listed in blue boxes, along with updated references.



- Publications listed in these boxes can be accessed by using the ‘browse by publication’ mode.
- Other relevant IAEA resources, including other publication series and training material, are provided in light green boxes.



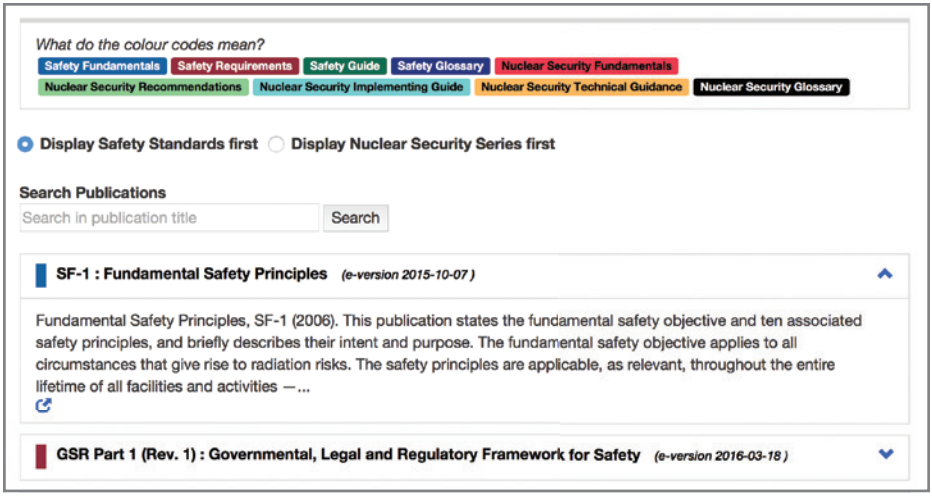
- Definitions are available for terms underlined with blue dotted lines – the relevant definition is displayed in a pop-up window.

The NSS-OUI Platform offers three options to access publication content

- **Browse publications** lists the IAEA Safety Standards and Nuclear Security Series publications in hierarchical order and offers the possibility to open electronic versions of publications, search within the publications and navigate to other related publications.
- **Browse overarching requirements** lists the overarching requirements of the IAEA safety standards. These link to the corresponding requirements in the electronic versions of the publications. Browse overall recommendations offers a similar feature for the Nuclear Security Series and the IAEA Safety Standards Series No. SSR-6 (Rev. 1) (Regulations for the Safe Transport of Radioactive Material), which do not include overarching requirements.
- **Search** helps users find relevant publications or parts of publications. There are three search options:
  - Search for words or phrases;
  - Advanced search based on topical area(s) and target audience;
  - Relationship search.

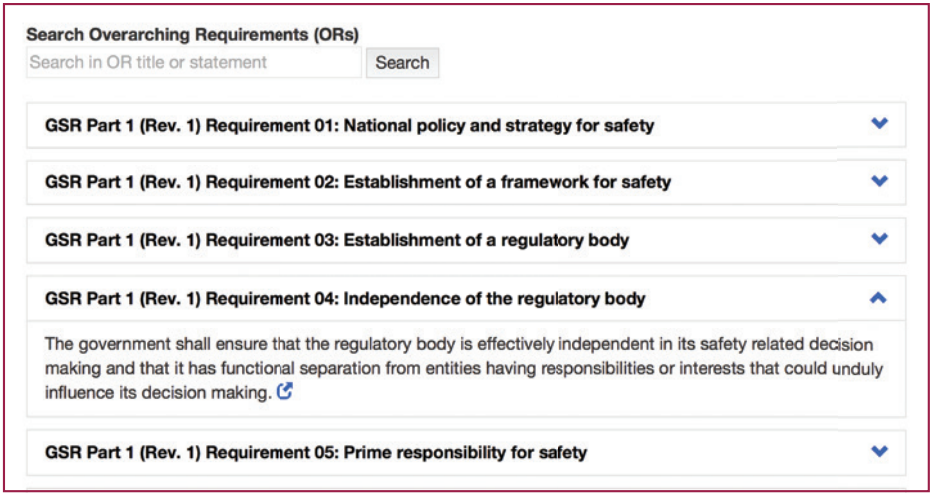
How to browse publications

- **Browse publications** offers a list of publications.
- Users can choose whether to display Safety Standards or Nuclear Security Series publications first.
- Clicking on the title or the arrow ( ) displays a short description of the purpose of the publication.
- Clicking on the icon ( ) at the end of the description opens the electronic version of the publication.
- The search box can be used to find the number or the title of any publication.



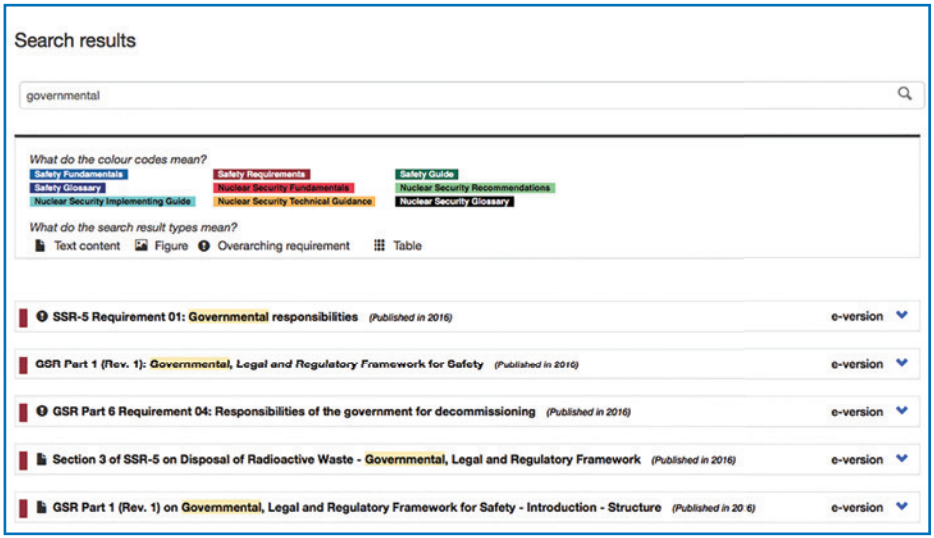
How to browse overarching requirements or overall recommendations

- The platform's features 'browse overarching requirements' and 'browse overall recommendations' offer a simple way to navigate within the publications. Clicking on the titles of the overarching requirements or overall recommendations will display the requirement or recommendation. The icon ( ) provides a link to navigate directly to the corresponding paragraphs in the publication.
- The search box can be used to find a word or phrase within titles and statements of the Safety Requirements or the Nuclear Security Recommendations.



How to use the full text search

A full text search results in a list of publications or parts of publications where the word or sequence of words entered in the search box appear. The results also include an excerpt of the relevant text from the publication as well as a link to this text in the publication. The search function also searches content of tables as well as figure captions. Using quotation marks (“ ”) provides results for the exact text entered in the search box.



How to use the advanced search and the relationship search

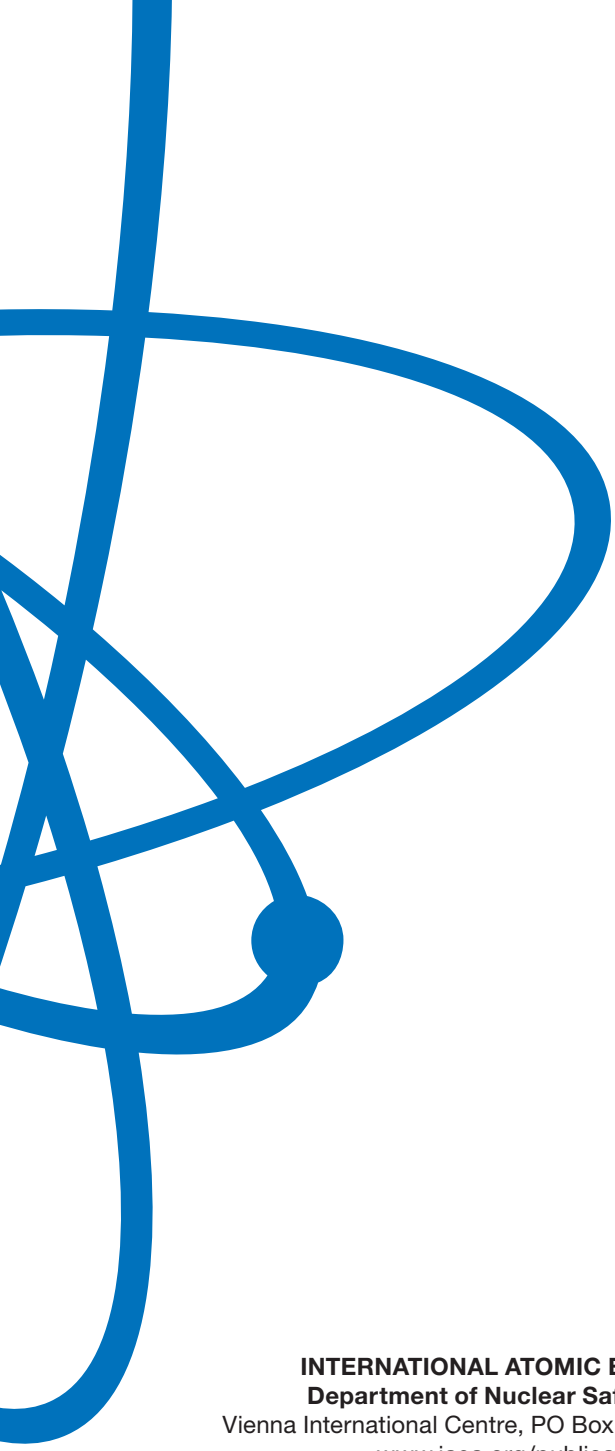
- The **advanced search** in the series of publications uses a set of search criteria in the following categories:
  - Content type(s);
  - Publication type(s);
  - Topical area(s);
  - Target audience;
  - Different facilities and activities and
  - Different lifetime stages.
- Search criteria and sub-criteria, where available, can be combined. The search produces results that include at least one of the selected criteria in each chosen category. The search results show publications or parts of publications for the selected criteria.
- The **relationship search** provides a list of other publications with which the selected publication shares topical area(s). The results can be further refined for a subset of these topical areas.

More information and point of contact

To access the NSS-OUI Platform, please visit:
https://nucleus-apps.iaea.org/nss-oui

Or write to: **NSS-OUI.Contact-Point@iaea.org**

Publications not available on the NSS-OUI Platform can be found on the IAEA Publications web page:
www.iaea.org/publications/series



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