



INFORMATION SYSTEM ON OCCUPATIONAL EXPOSURE

Information System on Occupational Exposure

The Information System on Occupational Exposure (ISOE) was created in 1992 to provide a forum for radiological protection professionals from nuclear electricity licensees and national regulatory authorities worldwide to discuss, promote and co-ordinate international co-operative undertakings for the radiological protection of workers at nuclear power plants.

The objective of the ISOE is to improve the management of occupational exposure at nuclear power plants by exchanging broad and regularly updated information, data and experience on methods to optimise occupational radiological protection.

February 2023

Participating nuclear licensees and regulatory authorities



NEA Committee
on Radiological
Protection and Public
Health

ISOE Management Board

Joint NEA/IAEA
Secretariat

ISOE Bureau

National co-ordinators

Working Group on Radiological
Protection Aspects of
Decommissioning Activities at
Nuclear Power Plants

Specialised Working Groups

Technical Centres

Membership

ISOE members include nuclear licensees and national regulatory authorities, or institutions representing them, from 31 countries.

Sponsorship

The ISOE is jointly sponsored by the:

- OECD Nuclear Energy Agency (NEA); and
- International Atomic Energy Agency (IAEA).

Organisation

The ISOE operates in a decentralised manner. Decisions and overall direction are provided by the **ISOE Management Board**, composed of representatives from nuclear licensees and regulatory authorities from all participating countries. The **ISOE Bureau**, elected by the Management Board, guides ISOE and Secretariat work between Management Board meetings. Both are supported by the **Joint NEA/IAEA Secretariat**.

Four ISOE Technical Centres (Asia, Europe, IAEA and North America) serve the programme's day-to-day technical operations and are contact points for the transfer of information from and to participant countries.

A National Co-ordinator in each country provides a link between ISOE participants and the ISOE programme.

Specialised **working groups**, mandated by the Management Board, are created on an as-needed basis to support the goals of the ISOE on specific topics.

Products and benefits

The ISOE is the world's most comprehensive source of experience and information for occupational exposure management at nuclear power plants, and offers its members a variety of resources.

NETWORK

A global network of radiological protection professionals from nuclear electricity licensees and national regulatory authorities.

DATABASE

The world's largest database on occupational exposure from nuclear power plants. The NEA provides IT support to further develop and maintain an internet-based system for the ISOE.

WEBSITE

Access to the ISOE database, products, resources and online user fora.

ANALYSIS

Detailed studies and analyses on current issues in operational radiological protection and dose trends.

REPORTS

- Annual ISOE reports;
- Annual country reports;
- Topical reports.

SYMPOSIA

- Regional and international ALARA symposia organised yearly by Technical Centres;
- Radiological protection manager meetings;
- Regulatory body representative meetings.

BENCHMARKING

Benchmarking visits allow ISOE members to share their experience and good radiological protection practices.

Joint Secretariat

OECD Nuclear Energy Agency (NEA)

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Division of Radiation, Transport and Waste Safety

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Technical Centres

Asian Technical Centre (ATC)

Nuclear Safety Research Association (NSRA)

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European Technical Centre (ETC)

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IAEA Technical Centre (IAEA TC)

International Atomic Energy Agency

Division of Radiation, Transport and Waste Safety

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Participant countries: Armenia, Belarus, Brazil, the People's Republic of China, Lithuania, Pakistan, Russia, South Africa, Ukraine and the United Arab Emirates

North American Technical Centre (NATC)

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Participant countries: Canada, Mexico and the United States

www.isoe-network.net