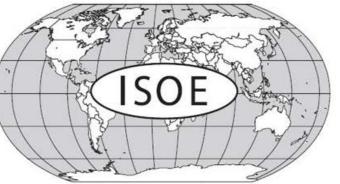
ISOE Strategic Programme Plan (2016~2019)

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ISOE Chairman & Director General of KHNP





INFORMATION SYSTEM ON OCCUPATIONAL EXPOSURE INFORMATION SYSTEM ON OCCUPATIONAL EXPOSURE



IAEA International Atomic Energy Agency

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Overview of ISOE Programme (1/5)

Missions

- Provide a forum for radiation protection professionals from nuclear electricity utilities and national regulatory authorities
- Share dose reduction information, operational experience
- Improve the optimization of RP at nuclear power plants



Overview of ISOE Programme (2/5)

Main Activities

- Annual reporting of reactor unit doses
- Collecting and exchanging of best RP practices
- Publishing Expert / Working Groups' reports
- Holding regional and Int'l ALARA Symposia



Overview of ISOE Programme (3/5)

Participations (April 2016)

- Total countries: 31
- Utilities: 71
- Authorities: 26

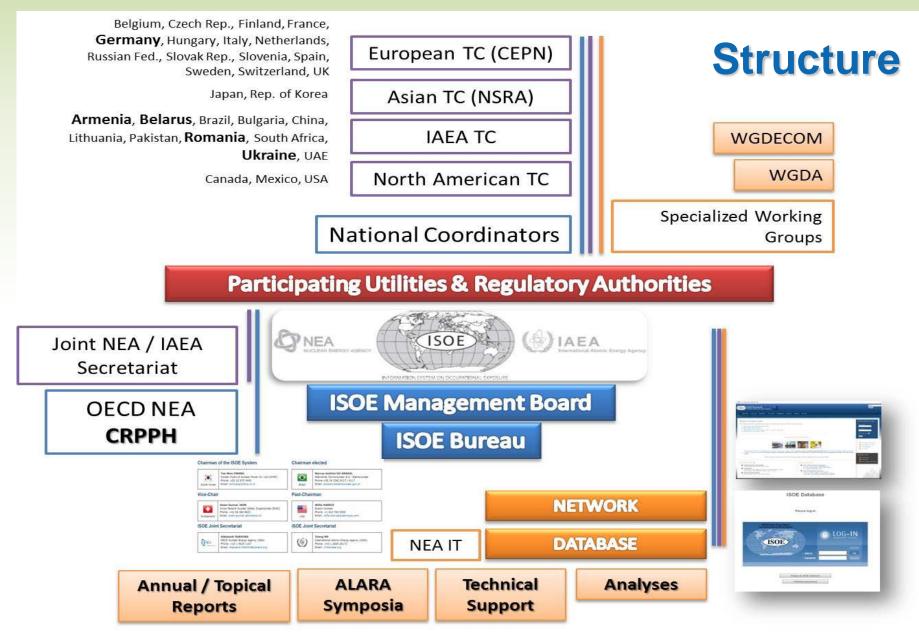
Database : 4 Categories

- Countries: 29
- Operating Unit: 401
- Units in cold-shutdown or some stage of decommissioning : 81

91% of the world's operating commercial power reactors



Overview of ISOE Programme (4/5)



Overview of ISOE Programme (5/5)

Key achievements & Outcomes in 2015

Improved use of central web portal	2014 data collected and integrated into the DB	DB distributed to Participants via ISOE Website and CD-ROM	Improvements of ISODAT data input and analysis	Country and Consolidated TC PIs Report
Symposium			ISOE News	Info. sheets
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Future Directions (1/5) Background

- MB decided to prepare new SPP in Nov 2014.
- New SPP was established in March 2016.

Factors and Considerations

- The need for member utilities to develop and maintain effective and efficient ORP programs
- The need to anticipate, respond to and resolve societal challenges to the operation of NPPs
- The will to support of the development and maintenance of ORP programs
- An increase in demand for value and accountability on the ISOE program
- The need to reconsider standing costs, and processes

Future Directions (2/5)

Objectives

- Meet expectations of members
- Support the extension of the programme to countries newly embarking on the use of nuclear power and to non-members
- Continue exploring approaches to maintain worker doses ALARA
- Develop collaborative efforts with other networks



Future Directions (3/5)

Goals for 2016-2019 Programme of Work

Continuation of current ISOE activities

- Regional and International ISOE ALARA Symposia
- Collecting annual occupational exposure data for the ISOE database
- Regularly updating the content of ISOE network website
- Promoting the use of the ISOE forum
- Promoting WGDECOM and WGDA
- Facilitating benchmarking visits



Future Directions (4/5)

Goals for 2016-2019 Programme of Work

> New activities

- Examining refurbishment and plant life extension
- Establishing a regular review process for ISOE documents and website
- Establishing information exchange about education and training schemes, programs and syllabi for RP professionals
- Expanding the use of TCAs with international organizations
- Pursuing the collection, analysis, and sharing of data concerning post-Fukushima efforts
- Pursuing the examination of situations and events that could lead to unexpected and unplanned increases in dose



Future Directions (5/5)

Programme of Work for 2016

- Development of a roadmap for implementation
- Initiate organisation to be set for the identified new SPP activities
- Collect and integrate the 2015 data into the ISOEDAT databases
- Update the ISOE Network website
- International / Regional ISOE Symposia
- Publish 2015 ISOE Country Reports and Annual Report
- Issue TC Information Sheets, Newsletters and ISOE News



Summary

ISOE:

- performs many activities for dose reduction, optimization of RP, sharing of information, etc.
- becomes more important due to increase of need and interest for safe Radiation Management.
- Setablished new SPP considering the need of members and new paradigm.

SPP:

- current activities performed successfully and new challenging activities
 - \rightarrow detailed implementation plans for successful accomplishment

As RP top leader, ISOE will plays the most needed roles by successful implementation of SPP.





Coming together is a beginning. Keeping together is progress. Working together is success. -Henry Ford-





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THANK YOU FOR YOUR ATTENTION

ISOE International Symposium Brussels, Belgium 1st June 2016

