ISOE
Strategic Programme Plan
(2016~2019)

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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
### Key achievements & Outcomes in 2015

<table>
<thead>
<tr>
<th>Improved use of central web portal</th>
<th>2014 data collected and integrated into the DB</th>
<th>DB distributed to Participants via ISOE Website and CD-ROM</th>
<th>Improvements of ISODAT data input and analysis</th>
<th>Country and Consolidated TC PIs Report</th>
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#### Symposium

- **Overview of ISOE Programme (5/5)**

#### ISOE News

- **2016 North American ISOE ALARA Symposium Agenda**
  
  **Program**
  
  **Abstracts**
  
  **Symposium Language**
  
  **ISOE NEWS**
  
  **Information Sheet**
  
  **European Dosimetry Results**
  
  **Overview of ISOE Programme (5/5)**

#### Info. sheets
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
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
Goals for 2016-2019 Programme of Work

- 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.
- established new SPP considering the need of members and new paradigm.

SPP:

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

As RP top leader, ISOE will play the most needed roles by successful implementation of SPP.
Coming together is a beginning.
Keeping together is progress.
Working together is success.

-Henry Ford-
THANK YOU FOR YOUR ATTENTION

ISOE International Symposium
Brussels, Belgium
1st June 2016