

INFORMATION SYSTEM ON OCCUPATIONAL EXPOSURE (ISOE)

INTERNATIONAL WORKSHOP ON OCCUPATIONAL RADIATION PROTECTION IN SEVERE ACCIDENT MANAGEMENT "SHARING PRACTICES AND EXPERIENCES"

WASHINGTON DC, USA, 17-18 JUNE 2014

FIRST ANNOUNCEMENT

BACKGROUND

The Information System on Occupational Exposure (ISOE), with its participating utilities and regulatory authorities, is a core group of experts for exchanging experience in developing safe, sustainable and societally acceptable strategies for emerging operational issues in the field of occupational radiation protection. In response to the Fukushima Daiichi nuclear power plant accident, the Expert Group on Occupational Radiation Protection in Severe Accident Management and Post-Accident Recovery (EG-SAM) was established by the ISOE in May 2011. The overarching objective of the group is to contribute to occupational exposure management (providing a view on management of high radiation area worker doses) in Fukushima with the ISOE participants, and to address the experience of various ISOE utilities with various occupational radiation protection management approaches in severe accidents, radiation protection management approaches for highly contaminated areas, selection of proper RP protective tools and clothes including remotely operated instruments, means to fix and eliminate contamination, access procedures to the site, shielding, emergency/accident individual dosimetry and its assessment, psychological aspects, etc. The final product of the group will be a report on best occupational radiation protection management procedures for proper radiation protection job coverage during severe accident, initial response and recovery efforts and radiation protection lessons learned from previous reactor accidents.

The interim report of the EG-SAM, which was accomplished during meetings through 2012 - 2013 and approved in the 23th Annual Session of ISOE Management Board, includes perspectives of the group and discussions on:

- ❖ Radiation Protection Management and Organisation,
- ❖ Radiation Protection Training and Exercises related to Severe Accident Management,
- ❖ Facility Configuration and Readiness,
- ❖ Overall Approach on the Protection of Workers,
- ❖ Radioactive Materials, Contamination Controls and Logistics, and
- ❖ Lessons Learned from the past accidents.

With the completion of the first step, the Management Board decided to organize an international workshop to introduce the interim report and to incorporate the national experiences that will be presented during the workshop for the finalization of the report.

WORKSHOP OBJECTIVES

The objective of the *Workshop on Occupational Radiation Protection in Severe Accident Management* is to share practices and experiences in approaches to severe accident management. The workshop will:

- ❖ **provide an international forum for information and experience exchange** amongst nuclear electricity utilities and national regulatory authorities on approaches to, and issues in severe accident management, including national and international implications. Focus will be placed on sharing practices and experiences in many countries on approaches to severe accident management;
- ❖ **identify best occupational radiation protection approaches in strategies, practices**, as well as limitations for developing effective management. This will include experiences in various countries; and,
- ❖ **identify national experiences** to be incorporated to the final version of ISOE EG-SAM report.

WORKSHOP FORMAT

The workshop will include a series of plenary presentations to provide participants with an overview of practices and experiences in severe accident management from various countries. Furthermore, by taking into account the structure of interim report, common themes and issues will be discussed in follow-up breakout sessions. Sessions will include invited speakers, moderated by designated experts, to allow participants to discuss their national experiences, and possible inputs to the report.

The outcomes of the breakout sessions will be presented in plenary by the respective moderators followed by open discussion, with a view towards elaborating ways forward to achieve more effective severe accident management.

TARGET AUDIENCE AND PARTICIPATION

The workshop is addressed to a broad cross-section of radiation protection professionals from nuclear utilities and national regulatory authorities, such as:

- ❖ Nuclear Electricity Utilities
- ❖ Radiation Protection and Emergency Management Authorities
- ❖ Technical Support Organisations
- ❖ International Organisations (e.g., OECD/NEA, IAEA, EC)

Participation will be limited in accordance with the workshop format. The workshop organisers are responsible for determining the appropriate mix of participants. Within these restrictions, delegates are expected to be drawn heavily from the ISOE official participants.

WORKSHOP OUTCOMES

Following the workshop, the proceedings (presentations, discussion summaries and conclusions) and final version of the EG-SAM report will be prepared and made available to participants and other interested parties on the ISOE network website (www.isoe-network.net).

WORKING LANGUAGE

The working language of the workshop will be English.

DATE AND VENUE

The workshop will be held **17-18 June 2014**.
The meeting venue is:

1201 F Street, N.W.
Suite 1100
Washington, DC 20004, USA
Tel: +1 202 739 8000
Fax: +1 202 785 4019
www.nei.org

For maps and transportation information please see:

www.nei.org/About-NEI/Visiting-NEI
www.wmata.com

REGISTRATION, DEADLINES AND ACCOMMODATIONS

While there is **no registration fee, workshop participation is limited and registration is required**. The deadline for registration is **30 May 2014**. Registration can be done at the following website:

www.oecd-nea.org/confdb/confdb/conf?id=142

The workshop website will also be used to post relevant documents for the workshop, as well as practical information such as hotel lists and directions to the venue.

Participants are responsible for their own travel, accommodation and meals.

NEI has secured a block of rooms at a rate of \$279 per night plus tax at the following hotel:
Hilton Garden Inn.
815 14th Street N.W., Washington, District of Columbia, 20005, USA
TEL: 1-202-783-7800 FAX: 1-202-783-7801
website: <http://hiltongardeninn3.hilton.com/>

OPTIONAL ACTIVITIES

June 16: Evening Tour of Washington DC.

This excursion around DC features sightseeing at popular monuments and memorials lit up at night; don't miss the opportunity to view DC by night! The cost is approximately \$70 USD. Please refer to the workshop registration form.

June 19: Tour of the Calvert Cliffs Nuclear Power Plant in Lusby, Maryland.

This tour includes a 1½ to 2 hour bus trip (depending on traffic) to the plant. Due to September 11 security restrictions, this tour is available to only the first 15 persons who sign up for the tour. There is no charge for this tour and a light lunch will be provided. For Security reasons, additional identification (i.e. passports) and documentation will be required.



Calvert Cliffs NPP

WORKSHOP ORGANISATION AND CONTACT INFORMATION

The workshop is organised by the Information System on Occupational Exposure, co-sponsored by the OECD/NEA and the IAEA, and hosted by the Nuclear Energy Institute.

The OECD/NEA will provide the Scientific Secretariat for the workshop.

For further information, please contact:

Mr. Halil Burçin OKYAR
 OECD Nuclear Energy Agency
 Le Seine St. Germain
 12, boulevard des Iles
 92130 Issy-les-Moulineaux, FRANCE
 Tel: +33 1 45 24 10 45
 Fax: +33 1 44 30 61 14
 E-mail: halilburcin.okyar@oecd.org

For local information, please contact:

Mrs. Ellen P. ANDERSON
 Nuclear Energy Institute
 1776 I Street N.W, Suite 400,
 20006-3708
 Washington DC, USA
 Tel: +1 202 739 8043
 Fax: +1 202 533 0144
 E-mail: exa@nei.org

WORKSHOP ORGANISATION COMMITTEE *

Mr. Willie O. HARRIS
 Chair, Exelon Nuclear, United States of America

Mrs. Ellen P. ANDERSON
 Nuclear Energy Institute, United States of America

Mr. Olivier COUASNON
 Autorité de Sûreté Nucléaire (ASN), France

Dr. Salah DJEFFAL
 Canadian Nuclear Safety Commission, Canada

Dr. Yoshihisa HAYASHIDA
 ISOE Asian Technical Center, JNES, Japan

Ms. Lena JENTJENS
 VGB Power Tech e.V., Germany

Mrs. Caroline SCHIEBER
 ISOE European Technical Center, CEPN, France

Dr. Ted LAZO
 OECD Nuclear Energy Agency

Mr. Jizeng MA
 International Atomic Energy Agency

Dr. David MILLER
 ISOE North American Center, United States of America

Dr. Michael SIEMANN
 OECD Nuclear Energy Agency

Dr. Claudia SCHMIDT
 Gesellschaft für Anlagen- und Reaktorsicherheit, Germany

Mr. Jukka SOVIJARVI
 Radiation and Nuclear Safety Authority, Finland

Mr. James P. TARZIA
 Radiation Safety & Control Services Inc., United States of America

** In memory of Mr. Wataru Mizumachi*

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REGISTRATION FORM

Participants can register either:

- online at <http://www.oecd-nea.org/confdb/confdb/conf?id=142>
- or by completing the following form and submitting to the address below:

| | |
|--|---|
| Today's Date | Day/month/year: |
| Family name | |
| First name | |
| Organisation | |
| Mailing address | |
| Postal code | |
| City | |
| Country | |
| Business Phone | |
| FAX | |
| Email | |
| Optional Activities | |
| June 16: Evening tour of Washington DC (participant cost approx. \$70 USD) | Do you plan on participating in the evening tour of Washington DC? Yes ___ No ___ indicate. If yes, then please indicate number of participant(s) _____ |
| June 19: Tour of the Calvert Cliffs (availability limited to first 15 request no charge) | Do you request to participate in the tour of the Calvert Cliffs NPP? Yes ___ No ___ |

Return the completed form by **30 MAY 2014** to: Mr. Halil Burçin OKYAR
OECD Nuclear Energy Agency
Le Seine St. Germain
12, boulevard des Iles
92130 Issy-les-Moulineaux, FRANCE
Tel: +33 1 45 24 10 45 Fax: +33 1 44 30 61 11
Halilburcin.okyar@oecd.org



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PRELIMINARY WORKSHOP PROGRAMME

The workshop will begin at 09:00 on Tuesday and end at 17:30 on Wednesday.

Session 1:

EG-SAM Interim Report

- Overall Presentation of the Report

Session 2:

Utility and Regulatory views on approaches

- Presentation from Participating Countries

Break-Out Sessions:

- Radiation Protection Management, Organisation and Configuration
- Radiation Protection Training and Exercises related to Severe Accident Management
- Worker Protection, Controls and Logistics

Session 3:

Conclusions and Results from the Workshop

- Outcomes from each sessions
- Summary, Recommendations and Direction Forwards for the finalization of the report