International Atomic Energy Agency (IAEA)  
and  
World Association of Nuclear Operators (WANO) Moscow Centre  

Joint Technical Meeting on Enhancing the International Operating Experience Process  
(J8-TM-43384)  

PROSPECTUS  

TITLE: Joint Technical Meeting with WANO on Enhancing the International Operating Experience Process  

PLACE: IAEA Headquarters, Vienna, Austria: Vienna International Centre (VIC); and the training centre at the Zwentendorf nuclear power plant, Austria  


DEADLINE FOR NOMINATIONS: 27 August 2012  

ORGANIZERS: IAEA and WANO (Moscow Centre)  

TARGET COUNTRIES: Armenia, Bulgaria, Czech Republic, Hungary, Lithuania, Romania, Russian Federation, Slovakia, Slovenia, and Ukraine. Additional countries that are members of the WANO Moscow Centre: China (Tianwan nuclear power plant (NPP)), Finland (Loviisa NPP), India (Kudankulam NPP), and Islamic Republic of Iran (Bushehr NPP). This meeting is designed for the staff of NPPs, utilities, regulatory authorities, and technical support organizations (TSOs) from the above-mentioned countries.  

PARTICIPATION: The meeting is open to 35 participants.  

LANGUAGE: The meeting will be conducted in English.  

PURPOSE OF THE MEETING: The purpose of the Technical Meeting is to serve as a forum for sharing information about international operating experience (OE) processes. In particular, the meeting will focus on methods for enhancing the use of international operating experience (OE) information in order to improve safety at NPPs. The meeting
will include presentations by, and discussions amongst, the participants on the OE processes that are in place at their various nuclear organizations, as well as on suggested OE best practices, and will cover the following topics:

- the use of event reports from WANO;
- the use of event reports from the IAEA (Incident Reporting System (IRS));
- the use of OE-related information available from other sources (e.g. Institute of Nuclear Power Operators (INPO)/Nuclear Energy Agency (NEA)/European Union (EU), etc.);
- the reporting of events to WANO and the IAEA;
- the use of topical reports, significant operating experience reports (SOERs), etc.;
- opportunities to harmonize OE information from international organizations;
- the use of coding systems in international OE reports;
- feedback on corrective actions taken following receipt of international OE;
- indicators used to assess the effectiveness of international OE processes;
- views on improvements made by WANO and the IAEA to international OE programmes; and
- OE-relevant lessons that have been learned and are still to be learned from the Fukushima Daiichi nuclear accident.

Among the various efforts to improve the operational safety of nuclear installations, the systematic reporting, evaluation, and implementation of corrective actions as a result of operational experience is recognized as being fundamentally important. This may be achieved by establishing an effective OE system which enables all safety related events to be analysed, root causes to be determined and corrective actions implemented to avoid so-called ‘repeat events’ or new events with the same causes.

Significant learning opportunities exist for learning from events occurring at NPPs in other countries. International nuclear organizations, specifically WANO and the IAEA, have event reporting systems in place that allow OE information to be shared with other nuclear organizations worldwide. The activities of WANO and the IAEA in this area include not only facilitating the sharing of event report information, but also, where appropriate, grouping key lessons learned from event reports (such as in topical reports, just-in-time (JIT) briefings, significant event reports (SERs) and SOERs) on order to facilitate the elaboration and deployment of corrective actions in countries with NPPs.

Although it is recognized that learning from international OE plays an important part in maintaining and improving nuclear
safety, the effective use of OE information in countries with NPPs remains challenging in many respects, including:

- operating effective systems to report events to WANO and the IAEA;
- screening of event reports received from WANO and the IAEA;
- evaluating the requirement for any necessary corrective actions;
- implementation of corrective actions to address root causes;
- learning from OE-related information from other sources such as INPO/NEA/EU etc.; and
- sharing feedback with the nuclear community from good/bad experiences of using OE-related lessons learned at a specific plant.

The meeting will provide an opportunity to outline current best practices in these areas, particularly with regard to methods for improving the efficiency of international OE programmes, which can be shared amongst the participants. It will also provide a forum to suggest improvements which could be adopted by international organizations to support more effective sharing and learning from international OE.

**QUALIFICATIONS:** The participants should be professional staff members of NPPs, utilities, regulatory authorities, or TSOs from the target countries.

They should have experience in, and/or responsibilities for, OE-related activities.

**NATURE OF THE MEETING**

The meeting will consist of presentations and also discussions in working groups. Participating countries will have the opportunity to present their national experience/approach related to international OE. There will also be a technical visit to the training centre at the Zwentendorf NPP.

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Joint Technical Meeting on
Enhancing the International Operating Experience Process
(J8-TM-43384)
22–25 October 2012
Vienna and Zwentendorf, Austria

PROGRAMME

21 October (Sunday or earlier) — Arrival in Vienna

22–24 October (Monday–Wednesday) IAEA Headquarters, Vienna International Centre:

1. Introduction
   - Overview of the meeting;
   - Meeting objectives.

2. Current best practices for the reporting and the use of international OE-relevant information:
   - Reporting of events to WANO and the IAEA;
   - How international OE reports received by countries from WANO and the IAEA are used;
   - How international OE-relevant topical reports/SERs, SOERs, etc. received by countries from WANO and the IAEA are used;
   - Coding systems for international events;
   - Implementation of corrective actions based on information on safety-relevant events and evaluation of the effectiveness of these actions;
   - Indicators used to assess the effectiveness of international OE programmes;
   - Opportunities to harmonize international OE information; and
   - Post-Fukushima improvements in international OE programmes.

3. Summary of meeting outcomes.
   (Note: detailed timetable to follow)

25 October (Thursday) 08:00 Travel to Zwentendorf for technical visit to the training centre at the Zwentendorf NPP.
15:00 Conclusion of technical visit and return to Vienna (arrive in Vienna at 16:00).

26 October (Friday or later) – Return to home country.