

CONFERENCE WEB SITE

Providing information on participation, grants, paper submission and registration:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=38092>

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International Conference on Challenges Faced by Technical and Scientific Support Organizations (TSOs) in Enhancing Nuclear Safety and Security

25–29 October 2010

Tokyo, Japan

Organized by the



Hosted by the
Government of Japan

through the
Japan Nuclear Energy Safety Organization



OBJECTIVE

The objective of this conference is to develop a common understanding of the responsibilities, needs and opportunities of Technical and Scientific Support Organizations (TSOs). The conference will further promote international cooperation and networking among the TSOs to enhance nuclear safety, radiation safety and nuclear security. In addition, capacity building in countries with both extensive and limited experience in nuclear programmes, and in those countries embarking on nuclear power programmes for the first time, will be explored. The conference will build on approaches identified in the TSO conference of 2007 consistent with a global vision for TSOs within the framework of the Global Nuclear Safety and Security Regime. In this context, the conference will:

- Examine the roles, functions and values of TSOs in enhancing nuclear and radiation safety and nuclear security;
- Address issues related to capacity building in the countries that are considering launching or expanding their nuclear power programmes;
- Discuss appropriate approaches to enhancing cooperation and effective networking among TSOs including potential establishment of a virtual TSO and centres of excellence;
- Discuss technical and scientific support for nuclear security and the development of related human resources;
- Foster continuing dialogue on the technical, scientific, organizational and legal aspects of the interactions of TSOs within the Global Nuclear Safety and Security Regime.

TOPICS

The following topical issues have been identified as subjects for the conference sessions.

Topical Issue 1: Roles, functions and values that guide TSOs

This session will address the roles, functions and values of TSOs expected by Member States, regulatory bodies and other stakeholders. It will provide an overview of the way TSOs operate in different parts of the world, how their functions support their stakeholders at the national and international levels, and how the interdependencies of the “3 S’s” (Safety, Security and Safeguards) are addressed by TSOs. The conference will build on developments that have taken place since the first TSO conference in 2007.

It should be noted that this conference will not be addressing issues related to safeguards.

Topical Issue 2: Technical and scientific support for nuclear safety infrastructure development and capacity building

This session will address the main challenges faced by countries considering launching a new, or expanding an existing, nuclear power programme (establishment of a general organization of the nuclear energy programme: establishment of laws and safety authorities, need for human resources and funding, need for an internal TSO or support of external TSOs). It will also discuss how existing TSOs could support these countries (internationalization of the role of TSOs). TSO support for medical and industrial use of radioactive sources and research reactors will also be addressed.

Topical Issue 3: The emerging need for nuclear security technical and scientific support

This session will present a broad overview of nuclear security and the technical scientific support available in this field. Participants will exchange information on good practices and on the need for bilateral or multilateral relations in order to promote staff training, knowledge management, capacity building and methodological improvements.

Topical Issue 4: Nuclear safety and nuclear security networking and centres of excellence

This session will outline the approaches and benefits of international cooperation and networking among TSOs, taking into account scientific, technical and geographical considerations. It will then focus on cooperation and networking to share knowledge, resources and experience on technical and scientific practices and methods in order to best utilize resources for achieving and maintaining a high level of nuclear safety and nuclear security.

AUDIENCE

The conference is directed at TSOs, regulators, industry/operators, research organizations and other relevant stakeholders.

KEY DEADLINE

15 April 2010 – Receipt of contributed papers and grant applications.

REGISTRATION

There is no registration fee.

WORKING LANGUAGE

The conference will be held in English.