

WORKSHOP ON EXPERIENCE FROM CONSTRUCTION AND REGULATORY OVERSIGHT OF NUCLEAR POWER PLANTS

30 August – 3 September 2010 — Helsinki and Olkiluoto, Finland



MAIN TOPICS TO BE COVERED:

- IAEA safety standards and their application to construction of new nuclear power plant
- Lessons learned from the Olkiluoto 3 - EPR construction project and its regulatory oversight including key issues for licensing
- Other international experience
- Key issues during construction phase
- Lessons learned from design, construction, manufacturing, and installation of mechanical components and steel structures, concrete structures, and electrical and I&C equipment, as well as quality management
- Utility and vendor experience from the Olkiluoto 3 project implementation (in conjunction with site visit)
- Discussion of IAEA draft safety report on regulatory oversight of construction of new nuclear power plants



Images © Utility Teollisuuden Voima Oyj (TVO)

Organized by the
Radiation and Nuclear Safety Authority (STUK)
in cooperation with the
International Atomic Energy Agency (IAEA)



For further information:
<http://www.stuk.fi>

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For further information:
<http://www-ns.iaea.org/training/ni/materials.asp>

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Organizers

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The lecturers are experts from STUK, Technical Research Centre of Finland (VTT), Utility Teollisuuden Voima Oyj, international experts and staff of the IAEA.

Language

The training course will be held in English.

Objective

The objectives of the workshop are to share lessons learned from nuclear power plant construction and regulatory oversight of the construction activities.

The workshop addresses the safety principles and requirements for new nuclear power plants, feasibility studies for new nuclear power plants, key issues during construction phase, and the lessons learned from design, construction, manufacturing, and installation of mechanical components and steel structures, concrete structures, and electrical and I&C equipment, as well as quality management. The workshop will also be a forum for the International Atomic Energy Agency (IAEA) to present, discuss and receive feedback on its draft safety report on regulatory oversight of construction of new nuclear power plants.

Special focus will be on regulatory experience and lessons learned in Finland, including utility and vendor experience from Olkiluoto-3 project implementation. The workshop also covers the roles of the inspection organizations and technical support organizations that have contributed to regulatory inspections and safety assessment during the project, as well as other international experience.

Financial Aspects

The cost of the workshop is 1500 EUR + VAT (22%), covering presentations, presentation materials, coffee, dinner and the excursion to the construction site.

As a general rule, the IAEA does not pay the cost of attendance of participants (i.e. travel and living expenses). However, limited funds are available to help meet the cost of the attendance of selected specialists, mainly from developing countries with limited economic resources. Generally, not more than one grant will be awarded to any one country. No registration fee is charged to IAEA grantees. Governments wishing to apply for a grant on behalf of one of their specialists, should address specific requests to the IAEA to this effect. Governments should ensure that applications for grants:

(a) Are submitted by 31 May 2010;

(b) Are accompanied by a duly completed and signed Grant Application Form.

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=40335>

Applications that do not comply with the conditions stated under (a) and (b) cannot be considered.

The grants awarded will be in the form of lump sums and usually cover only part of the cost of attendance.

Information

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Registration

Internet registration form is available at STUK's website:

http://www.stuk.fi/sateilytietoa/koulutus/en_GB/licensing_and_regulatory_oversight_of_a_new_build2010/