

International Conference on Human and Organizational Aspects of Assuring Nuclear Safety – Exploring 30 Years of Safety Culture



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IAEA's Approach to Leadership, Management and Culture for Safety

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Synopsis

In this session the director of the Division of Nuclear Installation Safety (NSNI) will describe the division's approach to leadership, management and culture for safety and outline the strategy adopted for this work. The IAEA has developed a safety culture foundation framework which is used to support all installations' and organisations' work for continuous improvement to achieve excellence in nuclear safety performance. The framework has been developing since 1986 through the work of the IAEA and the nuclear community, and is based on nuclear organisations' experiences (both in practices applied and events experienced) and the development of scientific knowledge on human and organisation factors that support nuclear safety performance.

The main aim for the IAEA is to assist the Member States to translate the knowledge into practical and successful practise, and to further enhance the safety on nuclear installations.

The Strategy of the division is to share the common foundation of the framework across the different nuclear sectors and ensure that application of improvement activities are firmly based on knowledge and appropriate context based solutions.

A description of the work streams currently in place includes:

- Revision of the IAEA Safety Standards to incorporate the integration of leadership, management and culture for safety in the requirements. The IAEA is also creating and revising guides to share the good practices and experience found across Member States;
- Scientific missions to assist Member States in their understanding of how the IAEA safety culture framework applies in their nuclear organisations;
- Safety culture assessment for both operators and regulators;
- Leadership for safety development workshops for managers (including a specific workshop for senior managers) in the nuclear industry;
- Harmonization of the different safety culture frameworks as used by the nuclear industry, to promote common understanding;
- The development of the understanding of how safety and security can be harmonized in terms of practices to ensure the safe and secure operation of nuclear installations; and
- Activities that develop understanding and application of IAEA Safety Standards and practices in the area of human and organisational factors, including human factors engineering.

With an IAEA programme that provides support to all types of facilities and activities that give rise to radiation risks, the IAEA aims to support Member States in their pursuit of excellence in safety performance by ensuring they are supported in their leadership, management and culture for safety activities.

Country or International Agency

IAEA

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