



Building a Safety Culture in New Comers A Case For Turkey

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Safety Culture Aspects in New Comers

Building safety and security culture in new comers is a complex process.

It is a challenge!

Major questions and debates on building safety culture in new comers are mainly on;

- Where to start from and how to build safety culture?
- How to assess factors influencing safety culture?
- How to implement program by utilizing the past experience of nuclear industry?
 - How to utilize the lessons learnt of from the major nuclear accidents?
 - How to handle faith versus safety?
- What is the best practice for creating a strong, positive, reliable, manageable, sustainable safety culture?

NUSAC: is a safety culture development program created by NUTEK in order to contribute to improve industrial safety and occupational health status in newcomers by building a «safety culture training » along with the «localization activities» starting from the pre-operational phases of NPP projects.

A Case for Turkey: Turkey emerges as a dynamic newcomer with two NPP projects (namely Akkuyu and Sinop) under progress. The share of nuclear generation in the total installed capacity of Turkey is projected to be up to 5% until 2020, 10% until 2023 and as foreseen in national plans it is proposed to increase further in long term.

NUSAC (NUTEK Safety Culture Development Program) Methodology

It consists of various training modules for introducing and progressively developing human and organizational safety culture including evaluation of factors influencing safety culture, risk management, emergency preparedness, risk communication and safety leadership awareness issues. The modules include case studies on past natural hazards, technological disasters, mining, transportation (air, rail, road, marine), occupational, every day accidents in Turkey and in some other selected newcomer countries.

NUSAC has short, medium and long term objectives and will be implemented in accordance with the progress of the current Turkish national NPP projects. NUSAC stipulates the cooperation with key authorities and stakeholders; ministries, regulatory authority, private sector, industrial chambers, universities and related NGOs and public.

Concluding Remarks: NUTEK core team has a broad technical knowledge and experience in nuclear matters including safety and security. In addition, as NUTEK team, we can draw on our partners' knowledge and experience as well as the members of our network of national and international experts. NUSAC which is emerged by utilization of this knowledge and experience will be a powerful training tool in building nuclear safety and security culture in Turkey as well as in other newcomers.

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