

# TRAINING & EDUCATION

## ES-konsult educates to achieve safe nuclear power

*The nuclear power industry is a business with extreme safety demands, hence implies good safety culture at workplace. By education understanding is created which forms the basis of a good safety culture, that is essential to operate nuclear power plants safely and cost effectively.*

ES-konsult has extensive and wide experience of developing and arranging courses within the nuclear industry. We work with well-known models (e.g SAT model from IAEA) to conduct and develop courses. Our experience provides to create a complete education program in which all parts are put into its intended context. Our focus is on details in a comprehensive picture. We can “tailor-make” courses depending on the desired area within nuclear safety.

We also perform task analyses (competence analyses) to identify needs of competence and education for various positions within the concerned organization.

The nuclear industry is an example of a business with a great field of knowledge and extreme safety demands where education is needed in order to create understanding and exchanging experience. This in turn, is a condition for having good dialogues and cooperation's and making organizations work. Understanding and awareness about your own roll in the organization, is vital for achieving a good safety culture.

### Examples of performed work:

- Human Factors Engineering course to Nuclear Engineering Masters program at Chalmers (2 days)
- International Nuclear Manager Course for future nuclear managers. Cooperation between Finland, Russia and Sweden (3 weeks)
- Basic courses in reactor safety for both BWR and PWR (3 respectively 2 days) for various clients
- Waste management course (3 days)
- Task analysis of production of an education program for shift managers at Forsmark
- Task analysis of the function of emergency preparedness at SSM
- Basic courses (reactor and turbine) for maintenance staff at Forsmark
- Licensing documentation and safety analysis report (SAR) course at Forsmark 3

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