

## Safety Culture

### Nuclear Safety by appropriate interaction between individuals and organizations

Knowing, that almost all “Nuclear Accidents” could have been avoided by wise human behavior, the development, support and control of safety culture / safety culture implementation is mandatory for suppliers, delivering products important for safety and/or availability related products

A suitable implemented safety culture strengthens the awareness of organization and people regarding following facts:

1. **We are all responsible for nuclear safety!**
2. **Nuclear technology is rigorous and unique!**
3. **We need to understand our procedures and we have to follow them!**
4. **Everyone shall communicate his concerns and/or give feedback if there are doubts!**
5. **Regular checks support nuclear safety!**

What do we expect from you regarding safety culture?

#### Definition:

- ▶ Safety Culture is the **totality of characteristics and attitudes** at organizations and individuals, which leads there, that activities, which are matters of the **nuclear safety** of power plants, get attention which is according to the meaning of its first priority.
- ▶ Safety culture is expressed through a **safety related, responsibly acting** of every individual according to his/her abilities, means and competences as well as through the creation of an aim, that comes up to its environment.

Ref: IAEA-Safety Series No.75-INSAG-4 und INSAG-15; KTA GS 77 BR 7

## Are suppliers concerned by Safety Culture?

**Yes:** The organizations operating nuclear plants, and all other organizations with a responsibility for safety (including suppliers), must develop, support and control a Safety Culture to prevent human error and benefit from the positive aspects of human action. **The safety of the plant is also highly dependent on those who designed, built and commissioned it in the past.**

All these organizations, which include those responsible for design, manufacturing, construction and research, greatly influence the safety of nuclear plants. They are primarily responsible for the **quality of the product**, be it a design or a manufactured component, installed equipment, a safety report or software development, or any other safety-related item.

The **Safety Culture** in any organization is based on the directive laying down the **policy and practices to be observed to achieve quality**, and thereby to meet the safety objectives of the future operator.

## What does attention to safety involve?

In all types of activities, for organizations and individuals at all levels, attention to safety involves many elements:

- ▶ **Everybody is personally responsible for nuclear safety**
- ▶ **The management gives priority to safety in word and work**
- ▶ **Trust and open communication are cornerstones of the company culture**
- ▶ **The overriding priority of safety is reflected in the decision-making progress**
- ▶ **The particular requirements of nuclear technology are taken into account**
- ▶ **A critical attitude is encouraged**
- ▶ **Experience and know-how transfer are highly thought of**
- ▶ **Nuclear safety is subject to constant review**

Good practices, while an essential component of Safety Culture, are not in themselves sufficient if applied without thinking. It is essential to go beyond the strict implementation of good practices so that all safety-related tasks are carried out correctly, with alertness, due thought and full knowledge, sound judgement and a proper sense of accountability.

