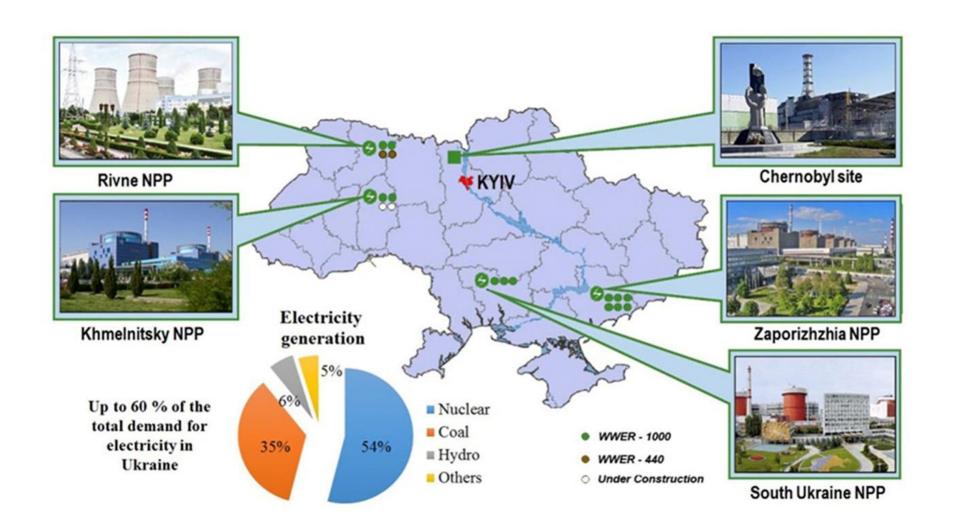


Yu.SHEYKO, P.KOTIN, NNEGC "ENERGOATOM", Ukraine.





## Introduction





## 2. Organization for Safety Culture

There are three levels of management in these activities:

The programs are developed and updated every 2 years and the implementation of measures is provided on 3 levels of responsibility:

- Council on safety culture (top management);
- Working group (representatives of all divisions of NAEC);
- Committees on safety culture (all NPP sites)

- Technical policy for the safety;
- Responsibility and leadership obligations;
- Personal responsibility and duties of every employee

On the basis of the corporate programs the NPPs developed the programs of concrete actions aimed to establishment and development of safety culture, including:

- Self evaluation of safety culture;
- Questioning the staff;
- Independent audits of safety culture



The Council on Safety Culture discusses NAEC Corporate Program for Safety Culture Review



## 3. International experience feedback

The projects address the solution of certain problems (for example, in the area of human factor – the task of «not punishment for error» approach establishment), as well as more common tasks of improving safety culture in overall, such as:

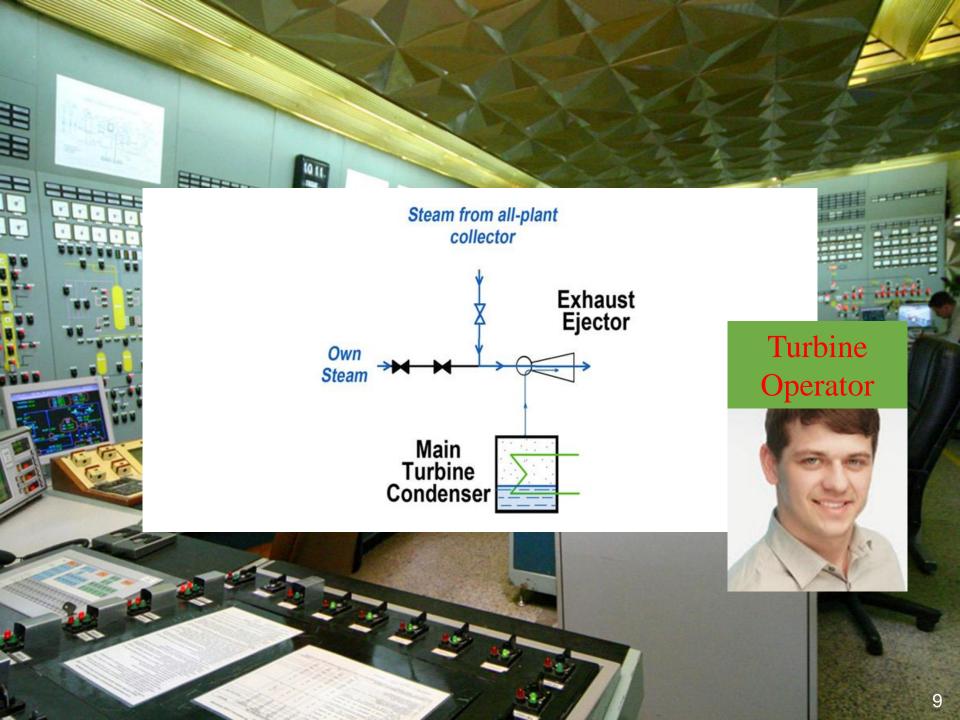
- •Implementation of programs to inform senior staff and management, including the essential features needed to create a strong culture of safety; creating conditions for the improvement of the organizational and managerial impact on the safety of nuclear power plants and the development of a deep understanding of the importance of safety approach and the practical realization of the principles of safety culture in production activities;
- •Creating an atmosphere of fruitful cooperation between management and staff, the improvement of collective action and of the behavior, developing a positive safety culture.

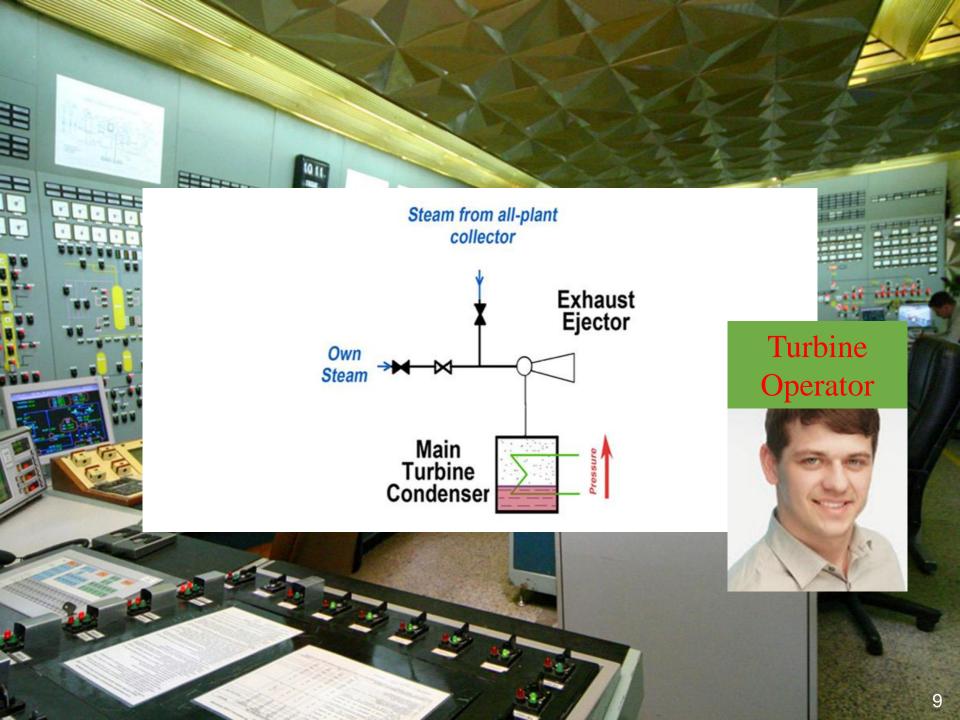
In this regard, it should be mentioned WANO guidance document GL 2002-02 "Principles for Excellence in Human Performance" that identifies five fundamental principles relating to human factors, and important for the development of a sustainable safety culture in the organization:

- •Even the best people make mistakes.
- •Error-likely situations are predictable, manageable and preventable.
- •Individual behaviour is influenced by organizational processes and values.
- •People achieve high levels of performance based largely on the encouragement and reinforcement received from leaders, peers and subordinates.
- •Events can be avoided by understanding the reasons why mistakes occur and applying the lessons learned from past events and not from asking "who made the mistake?"

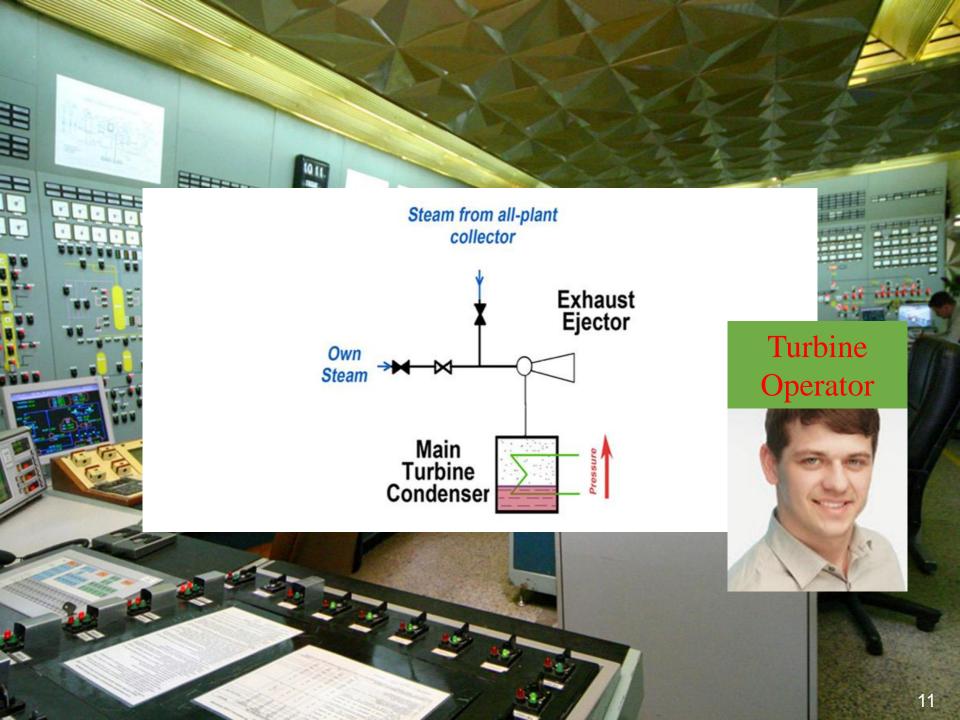


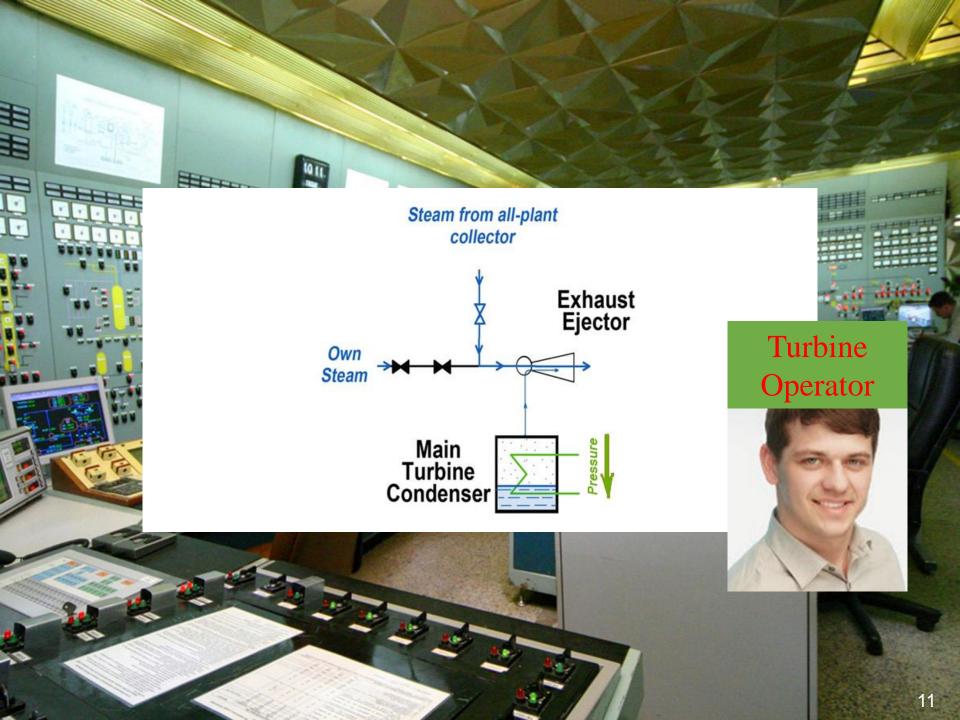






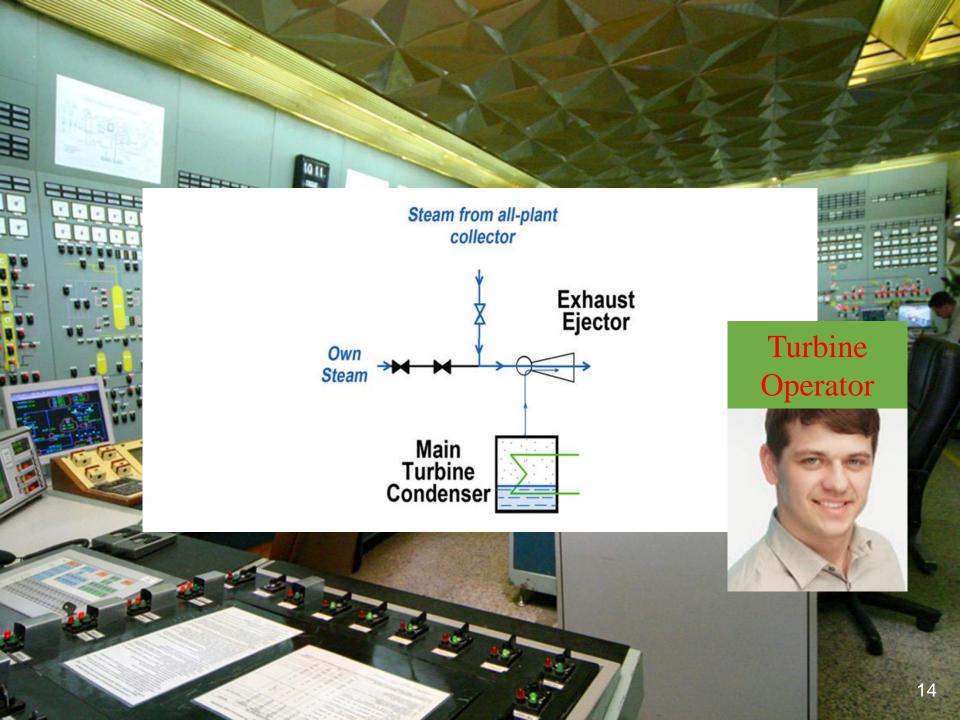


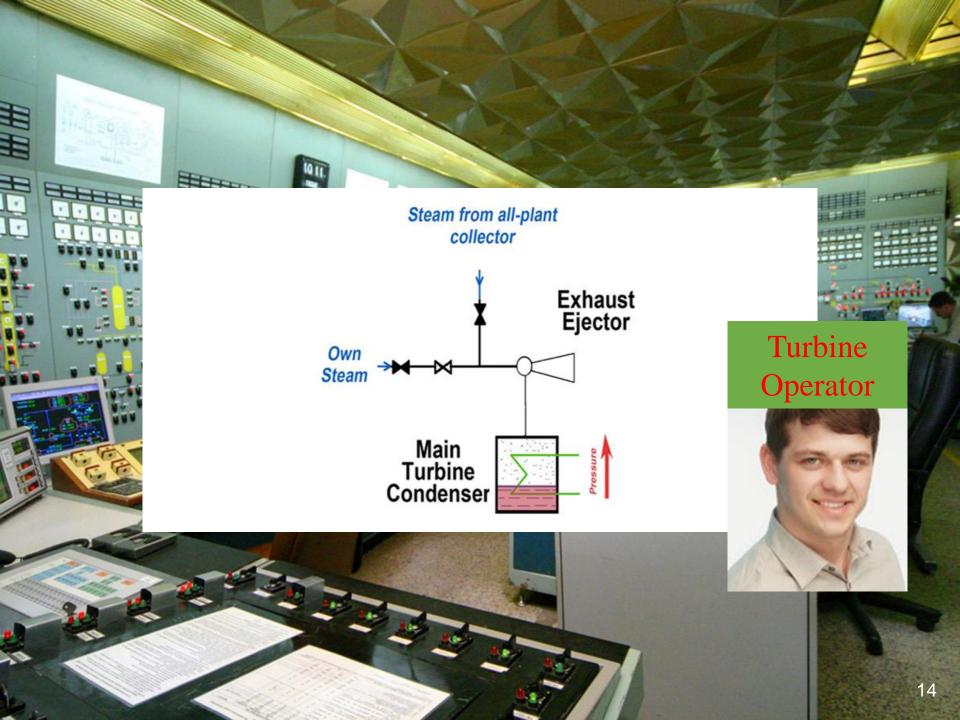














In this particular case, the coincidence of small individual errors in the behaviour of the staff with the shortcomings in the procedures and the psychology of relationships among the members of this shift—the factors that are not individually that significant, but when combined could lead to serious consequences, leaving the staff without control of the situation and triggering the automatic protection.

Despite all the measures that are being taken to improve the administration, training, psychology, quality of procedures, the similar unexpected stupid situations could occur from time to time at different NPPs throughout the world. And the protection against this type of non-standard situations can be achieved only throughout the establishment of a commitment to a culture of safety, and the practical application of the safety culture in all organizational aspects of nuclear power plant activities.





