

OSART Good Practices
CORP. CORPORATE MANAGEMENT
Corporate structure, responsibilities and lines of authority

CEZ corporate, Czech

Mission Date; 29 Sep.-9 Oct., 2013

ARIS Tool Process Management Support in ČEZ, a. s.

Description:

Process management implementation and setup in ČEZ is required by the statutory and regulatory requirements. The “Good Practice” principle is the technique of process management implementation in ČEZ, including Nuclear Safety and Radiation Protection (NSRP) related processes. The ARIS database tool is used for management system implementing and publishing.

Process management is applied at all management levels, from CEO to particular lower management roles. Process definition is presented in textual and graphical form based on ARIS database. Because of this, process description weak points can be monitored, thus initiating improvement.

Implemented process management system contains unambiguously identified processes, particular process responsibilities, interfaces to other processes, process performance indicators and processes impact on NSRP. Process description system is closely tied in with documentation system used in the entire company, thus relating in publicity and availability from one place (intranet).

Advantages:

NSRP impact on processes and activities knowledge is used for management system changes review (process changes, documentation changes, organizational changes, etc.). Higher attention is paid to changes related to NSRP processes (graded approach) not only in the design phase, but in review and approval phases as well.

An unambiguous graphical form of implemented process is used at particular management levels.

ARIS database background features mutual interconnection of particular management levels and processes. Database outputs are fundamental for analysis and improvement.

Database use combining textual and graphical form makes the managerial work more efficient, leads to unambiguous process and accountability interpretation, clarity in NSRP related processes. All above mentioned supports clear-cut and broaden accountability in the management system and supports improvement based on knowledge of processes and activities related to NSRP.

Operating results:

Process management system in ČEZ is implemented and used by help of ARIS SW tool. The entire system is available through ARIS Business Publisher, including impact of the process on NSRP identification. Generated database outputs are used for improvement and analysis of particular processes. Via thin client, ARIS database tool is interconnected with ECM documentation management system and used to control the documentation in ČEZ, a.s. This provides unambiguity, compatibility and recentness of data concerning company

management system, available to all employees.

Process management at all management levels, NSRP related processes identification and combination of textual and graphical form is advisable for use in any utility.

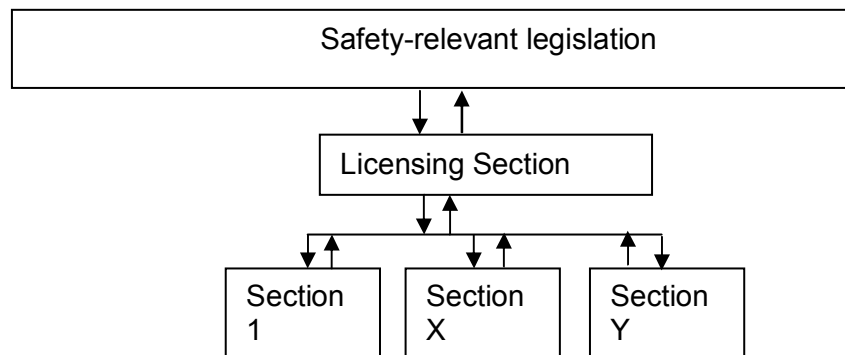
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A proactive and targeted approach that enhances the timeliness and accuracy of regulatory and legislative safety related requirements evaluation and implementation (B12 process).

Description:

The company has implemented a centralized monitoring of legislation and centralized legal and licensing support for the entire area of the NPP safety.



Advantages:

Centralized legislation monitoring and centralized legal and licensing support for the entire area of the NPP safety reduces the demands on human and financial resources several times compared to a model, under which each safety process owner and each license owner provides for the monitoring of binding legislation separately (in case of centralized monitoring, only a single check of the whole "package" of information on the new legislation is carried out, while the monitoring of legislation by individual safety process owners and license owners would result in the specific "package" being checked by each section concerned separately).

Operating results:

- High reliability in obtaining licenses. For the entire period of functionality of safety license for the NPP operation (since 2003), there has been no problem in obtaining licenses for the operation of the Temelin NPP due to licensing or legislative reasons (the system "guards" the validity of licenses, "guards" the fulfilment of conditions specified in the licenses). Maximum assurance to maintain the licenses required for the operation of the Temelin NPP has a significant economic impact (in the absence of the operation license, a daily loss solely from the production of electricity reaches tens of millions of Czech crowns).
- High reliability of the monitoring of new safety-related generally binding legal regulations. There have been no significant changes and no new safety-related generally binding legal regulations that would not be monitored within the framework of safety licensing for nuclear power plants process.
- From the point of view of the regulators, this organization provides an efficient

integration process and a high liability regarding the respect of the deadlines. The way the legislation is implemented in detail can be an issue for discussion between CEZ and SÚJB.