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Contribution of Full-Scope Simulator Development Project to the Dissemination of Nuclear Knowledge within New-Build-Project Teams

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In a context where few countries recently carried out Nuclear New Build projects combined with very strong need for generation renewal, there exists a major stake for the training of the hundreds of engineers who are involved in the design and commissioning teams of this highly complex industrial facility.

The Simulator project, which gives the first opportunity for integration and validation of the whole of the design data, to check their coherence, the good performance with the interface and conformity with the safety and performance requirements, allows a fast and effective competence rise of all the resources involved in its development.

In addition, the phased availability of the whole of data generally results in having several phased versions of the simulator. Each can then be deployed in great number for training drills which also will contribute to share in optimal way knowledge on the reference plant design.

This contexts of broader use of these training modules and use of simulation in support of the engineering activities lead to their use by many teams with varied profiles; and there too, the simulation technologies are of a remarkable effectiveness to share a common and stable knowledge management.

Country or International Organization

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