

Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



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Knowledge Management System in a Nuclear Engineering Organization

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A knowledge management system has been developed in a nuclear engineering company with 1,700 employees. As a first trial, the system was tested in the Conversion Pilot Plant and the Nuclear Fuel Lab, where the workforce adds up to a hundred people. The system has five main steps:

1- identification of the knowledge and expertise necessary to the organization; 2- their contribution to the organization objectives; 3- identification of the employee expertise; 4- evaluation of the risk of knowledge loss; and 5- critical evaluation of each expertise for the organization objectives. As a result, the system identifies which expertise requires most urgent actions in order to be preserved or acquired. The results, so far, indicate that the system might work well and should be extended for the whole organization.

Country or International Organization

Brazil

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