

Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



Contribution ID: 23

Type: **oral**

Outreach: Key to Sustainable Nuclear Knowledge Management

Wednesday, 9 November 2016 14:30 (15 minutes)

With the numerous nuclear power plants being built globally and the prospects for many more, the challenge of the timely availability of a well-prepared, qualified, knowledgeable workforce is a key element in the “critical path” to commissioning these plants. All of these individuals will need quality education and training that is rooted in safety and established in experience. In addition, because many of these new plants are typically being built in developing countries, education, training, recruiting and retaining operations staff can be a significant challenge. Attracting sources of qualified employees for these nuclear power plants in local communities is paramount which implies a strong focus on the science and math education outreach programs at all levels. This paper will highlight the Nuclear Power Institute’s integration of human resource development outreach strategies, education and training systems, and international cooperation to demonstrate how working in particular with the education sector can not only create interest in future careers in nuclear technology and capture valuable knowledge, but can also build community based support for nuclear power programmes with an emphasis of developing competent workers through education and training, mentoring and apprenticeships. Outreach has also become an important element of all nuclear knowledge management endeavours.

Country or International Organization

USA

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Session Classification: Technical Session 9

Track Classification: Track 1: Strategic and cross-cutting KM issues in organizations