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Khalifa University Initiatives in Human Resource Development for the UAE Nuclear Energy Program

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In December 2009 the United Arab Emirates (UAE) signed agreements with the Republic of Korea that will lead to the construction, operation and maintenance of four APR 1400 PWR reactors to support the UAE's Economic Plan [1]. Khalifa University (KU) has undertaken several important initiatives in the areas of human capacity development and nuclear knowledge management to contribute to the continued success, stable development and indigenization of the UAE nuclear program. These initiatives include the creation of the Nuclear Engineering Department, which now offers MSc and PhD degrees along with a nuclear minor for the BSc in Mechanical and Electrical Engineering. Additionally, in collaboration with Sandia National Laboratories and Texas A&M University, KU formed the Gulf Nuclear Energy Infrastructure Institute (GNEII). This paper describes the progress of KU programs to date and outlines the plans for the future.

Country or International Organization

United Arab Emirates

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