

Proposal for Development of a Nuclear Education Program at New Mexico State University

Executive Summary

The objective of this project is the continued development of a nuclear education minor at New Mexico State University (NMSU). The benefit of this program is that it will address the growing demand for engineers and scientists with background in the nuclear industry. Courses in Regulations and Compliance and Nuclear Reactor Theory have been developed and are being offered in spring 2009. NMSU proposes to further develop a nuclear education program that will address the growing demand for engineers and scientists with background in the nuclear industry. In addition, this year our request will include funding for a summer program, called the Pre-Freshman Engineering Program (PREP), to reach out to high school students with information about the nuclear industry. This is a proposal to complete the following tasks:

- Develop and teach a course in Radiation Effects for science and engineering students;
- Deliver Nuclear Engineering courses in a distance education format to reach a wider audience;
- Support teaching a college-level course to high school PREP students in summer 2010.

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