

Executive Summary:**Establishment of a Nuclear Engineering Faculty Development and Assistance Program at Kansas State University**

The Mechanical and Nuclear Engineering (MNE) Department at Kansas State University (KSU) currently has four full-time Nuclear Engineering (NE) faculty members, one an untenured Assistant Professor, and is hoping to add other young faculty members to the NE Program. The proposed project will assist KSU to establish a Nuclear Engineering Faculty Development and Assistance (NEFDA) program whose broad objectives are to attract and retain talented young NE faculty members and to help them establish productive NE careers as tenured faculty members at KSU. The funding will be used to attract qualified faculty applicants, to help nontenured faculty members initiate sustainable research programs, to provide funds for travel, and to allow young faculty members to participate in important professional activities (such as the Big 12 Engineering Consortium). The benefit of this Program will be the hiring and retention of talented faculty members who can help educate Nuclear Engineers who are needed to design, build, and operate—safely and efficiently—power reactors and other nuclear facilities.

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