

Faculty Development Program for Nuclear Power Generation at Southern Polytechnic State University

Executive Summary:

The objective of this proposal is to secure funding for a new tenure track faculty in the recently established Nuclear Power Option program within the Systems Engineering Department. The intent is to use the proceeds of the grant and the matching university fund to retain the services of a highly experienced nuclear engineering faculty with extensive industrial and academic background. This position would play a pivotal role in further development and growth of the Nuclear Program at SPSU. The requested funding will also support the productivity of the new faculty by providing the necessary resources for a research program, enable funding for student research and for the purchase of laboratory equipment. This grant would significantly assist SPSU in building a more robust nuclear program for teaching and support the establishment of a sustainable research program. Funding will also enable the proposed faculty member to obtain tenure in the Nuclear Engineering Option program at SPSU. The requested funding from the U.S. Nuclear Regulatory Commission (NRC) will be combined with the internal funding and other resources within SPSU to support the establishment and success of a sustainable teaching and research program in Nuclear Engineering at SPSU.

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