Undergraduate Scholarships in Nuclear Engineering at Missouri S&T

Executive Summary:

The NRC funding will be leveraged, partially, by cash from Exelon Nuclear Corporation. The requested NRC funding will provide undergraduate scholarships to defray the cost of fees for 30 full time students each year for two years. Thirty (30) high quality students with a minimum GPA of 3.0/4.0 will be selected from a pool of over 100 students (including 30 females and 1 minority student) who are expected to be in the next year's undergraduate class. The selection criteria will primarily be academic merit (GPA) with consideration given to financial need. Participation of women, minorities, and students with disabilities will be encouraged and promoted (the scholarship committee members include a woman and two minorities). The NRC scholarship grant will assist in providing a significant fraction (~6%) of the nation's approximately 500 expected graduates with a B.S. degree in Nuclear Engineering each year (2011-2013) who would be capable of supporting the design, construction, operation and regulation of nuclear facilities and the safe handling of nuclear materials. Success of the NRC grant is assured based on the outcome of our previous scholarship grant from NRC (2008-2010) which helped 32 students obtain scholarships.

Principal Investigator: Arvind S. Kumar, kumar@mst.edu