EXECUTIVE SUMMARY

U.S. Nuclear Regulatory Commission, Minority Serving Institutions Program

Describe the proposed project's or activities essential elements: The proposed *Nuclear-Career Academic Bridge (N-CAB)* includes a mentor for students, and stipends to support Electrical Power Technology students through their second year of study in the AS degree program. The proposed program also includes equipment and supplies to enhance the training and provide hands-on experience, including the development of troubleshooting skills. Miami Dade College will use these funds for personnel, student stipends, and for equipment, materials and supplies.

Describe title of the proposed project: Nuclear-Career Academic Bridge (N-CAB)

Name, address, email address and telephone number of the PD(s)/PI(s):
PI: Dr. Ying Song/ 500 College Terr., Homestead, Fl 33030/ysong@mdc.edu /305 - 237- 5072

Name, address, email address an affiliations of other investigator/collaborative personnel and consultants/subawardees who will contribute significantly to the project:
Dr. Michael Whitt/ 500 College Terr. Homestead, FL 33030/mwhitt@mdc.edu
Chairperson Thania Rios/ 500 College Terr. Homestead, FL 33030 / trios@mdc.edu

The project's total funding request: $396,429.
Project Awarded: $89,893.00

Concise statement of the project's objectives and benefits: The N-CAB project will advance and support the Electrical Power Technology (EPT) program which historically has enrolled 87% minority students. The program will educate students to ultimately find jobs in a growing and vital nuclear industry. The MDC skilled worker pipeline program was created to address the nationwide power generation workforce shortage and its aging nuclear workforce. The MDC program stresses an understanding of power plant operations and technologies, equipment and systems maintenance, and health, safety, and environmental issues. The program seeks to cultivate local workers who fulfill area employment needs.