

A. Executive Summary

The Nuclear Regulatory Commission's (NRC) Faculty/Student Research Participation Program is designed to introduce students and faculty members from Historically Black Colleges and Universities (HBCUs) to research and development activities related to the mission of the NRC. The agency's program is conducted under a cooperative agreement with Oak Ridge Institute for Science and Education. Participants perform research and development activities associated with (1) NRC's technical assistance projects that are conducted at Department of Energy (DOE) laboratories, and (2) other projects conducted at DOE laboratories where the subject matter and outcomes are NRC-mission related.

The goals of the program include the following:

- Assist faculty and students in becoming familiar with research areas related to the agency's mission;
- Continue support of technical research for HBCU college faculty and student education;
- Strengthen the educational capacity of HBCUs; and
- Encourage students to seek employment in scientific fields.

A primary objective of the program is to provide opportunities for faculty and students to participate in research and development studies at schools where more advanced equipment and technology are applied.

In Fiscal Year 2003, the program will be funded at \$275,000, which represents a 10 percent increase over the Fiscal Year 2002 funding of \$250,000. In Fiscal Year 2002, an additional \$60,000 in agency funds were made available and applied to the HBCU program. Thus, the total Fiscal Year 2002 funding was \$310,000. As additional funds become available in Fiscal Year 2003, every effort will be made to increase the funding for the HBCU program.

Enclosure

B. Summary of Planned Awards to HBCUs by Category: FY 2003

1. U.S. Nuclear Regulatory Commission
AGENCY

2. Richard A. Meserve Chairman
NAME/SIGNATURE OF REPRESENTATIVE TITLE

3. TOTAL UNIVERSE OF FUNDS FOR INSTITUTIONS OF HIGHER EDUCATION (IHEs)
\$ 3,275,000

CATEGORY	AWARDS TO IHE+	AWARDS TO HBCUs*	Awards to HBCUs as % of total Awards to IHE
1. Research & Development	\$3,000,000	\$275,000	8.4 %
2. Program Evaluation			
3. Training			
4. Facilities and Equipment			
5. Fellowships, Traineeships, Internships, Recruitment, and IPAs			
6. Student Tuition Assistance, Scholarships, and Other Aid			
7. Direct Institutional Subsidies			
8. Third Party Awards			
9. Private Sector Involvement			
10. Administrative Infrastructure			
11. Other			
Total	\$3,000,000	\$275,000	8.4 %

Richard A. Meserve, Chairman
Agency Head (Typed)

AGENCY HEAD SIGNATURE

+IHE = Institutions of Higher Education

*HBCUs = Historically Black Colleges and Universities

C. Table of Planned FY 2003 Agency Awards to HBCUs by Institution and Category

The total amount of \$275,000 (planned Fiscal Year 2003 awards) will be awarded in the Research and Development category (Category 1). Solicitations will go out to undergraduate and graduate students and faculty at HBCUs. All applicants will be considered for these awards. Final award decisions will be based on applicant capability, availability, interest, and availability of projects that are NRC-mission related. For on-campus research projects, assignment will be based on the capabilities of the HBCU for performing on-campus research work that is NRC-mission related.

D. Planned Awards to HBCUs and Narrative Information

Fiscal Year 2003 activities will involve projects that support the agency's mission. Priority of assignments will be as follows: (1) NRC's technical assistance projects that are conducted at DOE laboratories, and (2) other projects conducted at DOE laboratories where the subject matter and outcomes are NRC-mission related. Assignments will involve areas of study in fields such as nuclear engineering, health physics, human factors, computer science, and risk and performance assessment. Students and faculty at all HBCUs will be considered for these awards. In addition, NRC has budgeted an additional \$20,000 for a participant in an on-campus research project in conjunction with the Center for Nuclear Waste Regulatory Analyses.