

## **Executive Summary**

**Project Title: NRC Faculty Development Program at Virginia Tech**

**Institution: Virginia Polytechnic Institute and State University (Virginia Tech)**

The Virginia Tech faculty development program will provide funding from the NRC and Virginia Tech to attract, prepare and retain three new faculty members who will be added to our new nuclear engineering program. These faculty will be joining a department which produces one of the largest number of mechanical engineering Bachelor's degrees in the nation and has a nuclear program which, although only one-and-a-half years old, has both an on-campus and distance learning component which promises to have both a national and international impact. In addition, both the department's commitment to its faculty and the university's commitment to research directed at securing a sustainable energy future for the nation, guarantees that these new faculty will be given the resources and guidance to succeed. The award of a Faculty Development Grant to Virginia Tech will pay important dividends in terms of accelerating the development of an outstanding nuclear engineering program and of enhancing the nation's capacity to educate the nuclear workforce of the future.