Southern Polytechnic State University – Nuclear Power Generation Engineering Curriculum Development: Nuclear Plant Construction and Pre-Op Start-Up

Executive Summary

Last year, the U.S. Nuclear Regulatory Commission (NRC), as part of its Nuclear Education Grant Program, awarded Southern Polytechnic State University (SPSU), an educational grant to develop a course on Nuclear Plant Construction and Startup. The ASME Board of Nuclear Codes and Standards (BNCS) is also supporting this course development. The intention of this proposal is to secure additional funding in order to complete the course and make it available in the Fall Semester of 2009. The objectives of this course are as follows:

- Train students and other participants in the codes, standards, criteria and good practices that guide the construction and preoperational startup activities;
- Provide construction students and industry participants from other engineering and technical disciplines the opportunity to consider careers in the nuclear industry;
- Make the course available to qualified students of other colleges and two-year technical schools and colleges in Georgia and adjacent states, through SPSU's Continuing Education and Distance Learning Program

Principal Investigator: Tony Sideris, tsideris@spsu.edu