

Power Up – Construction and Maintenance of New and Aging Nuclear Power Plants in the Southeast

Executive Summary

Florence-Darlington Technical College (FDTC) is committed to a long-term energy initiative to support the region's power industry. The college is currently engaged in an aggressive energy-education initiative designed to ensure that the regional energy sector has the workforce necessary to operate and expand to support economic growth. Highly skilled technicians and craftsmen are critical to the work of scientists and engineers in the nuclear power industry. The specific goal of the *Power Up – Construction and Maintenance of New and Aging Nuclear Power Plants in the Southeast* project is to develop and implement a curriculum for the FDTC Pipe Fitting and Valve Technician Academy to prepare individuals to enter the workforce with the education, skills training, and safety knowledge to meet regional employer demands. Objectives for the project include: (1) establishing/validating uniform competencies for Pipe Fitters and Valve Technicians; (2) creating a model curricula with innovative teaching methodologies for Pipe Fitters and Valve Technicians; and (3) documenting and publishing all components of the model program for broad dissemination to U.S. colleges and universities.

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