

Continuation of Helping the Start-up of the ASU-NNGP Applied Science Degree in Radiations Safety Education, Training and Technology: A Collaboration Between Alcorn State University (ASU), Grand Gulf Nuclear Power Station (GGNP), Local Community Colleges (CC) and the Surrounding School Systems

Executive Summary

Alcorn State University (ASU) is the oldest Historical Black College and University (HBCU) within the Mississippi (MS) State-University system located within twelve miles of Grand Gulf Nuclear Station (GGNS). ASU and GGNS have devised a strategic plan to train and educate GGNS employees as well as qualified individuals from the indigenous population in Health Physics (HP). The U.S. Nuclear Regulatory Commission's (NRC) educational grant was a timely event and the greatest ingredient that made it possible to realize this project. ASU has agreed to recruit, train, and educate a group of qualified individuals starting with High Schools (HS) of the local school systems. The plan informs HS students about this opportunity from their junior year and has provisions for advancement all the way to the supervisory, management, and policy-making level in a format called "strategic visioning for 2+2+2+2 Competency-Based Workforce Development & Health Physics Initiative". The curriculum is designed to be ABET accredited and to satisfy the AAHP requirements, so the graduates can be certified by the HP society and AAHP. This project is providing seed money to assist with the start-up of an academic program that is acutely needed in industry, especially in minority segments where technically trained workforces are highly desired and have the potential to contribute to the acute shortages that exist.

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