

A New Undergraduate Nuclear Engineering Degree at Virginia Commonwealth University

Executive Summary

We have previously been awarded an NRC grant to develop the curriculum for a new undergraduate track in nuclear engineering within the Department of Mechanical Engineering at Virginia Commonwealth University (VCU). Herein we propose to complete, augment, and expand the work that we have already started. The sought grant will be used to develop the unique program with a complete curriculum necessary to earn a bachelor's degree in nuclear engineering, including the choice of one of four areas of concentration: 1) Nuclear Security; 2) Fuel Processing, Reprocessing and Safety; 3) Science of Aging Materials; and 4) Laws and Regulations Governing Nuclear Power Generation.

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