

Fire Modeling Curriculum Development for Engineers and Non-Engineers in the Nuclear Power Industry

Executive Summary

The goal of this proposed curriculum is to provide the nuclear power industry with education in fire modeling for engineers and non-engineers. This curriculum will be developed at Worcester Polytechnic Institute to provide a fundamental level of fire modeling knowledge to all interested parties. It will then build in breadth and depth as students move up the levels. The objective is to provide a comprehensive fire modeling curriculum that serves the entire industry. Beginning with a baseline of knowledge to the decision makers within the nuclear industry and increasing in comprehensiveness to a level of building fire models. This package will serve as a source of knowledge for anyone in the nuclear industry that is in need of increased fire modeling education. This curriculum will be developed to have the ability to be delivered online, face-to-face, or a blend of the two methods. This will provide the nuclear power industry across the country with access to this information and experts within the field.

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