

Simulator Assignment
Due SES #22

Discussion:

After having experienced two simulator exercises at both a pressurized and boiling water, you should be able to appreciate certain functions of the operator and control room operations for safety management.

Assignment:

Based on these experiences:

1. Characterize the differences in the approach to accident management at Seabrook and Pilgrim starting from accident response philosophy, diagnosis, operator actions, and ease of implementation of required actions based on control board layout. Assess each reactor separately and then assess advantages and disadvantages. Justify your answers.
2. Which of the two types of reactors, based on design, would be easier to manage from a safety point of view assuming an initiating event. Justify your answer.

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