

Teaching Notes

Operational Reactor Safety Course

Lecture: 18 – Pilgrim Station Background Information

Objective:

This presentation is intended to familiarize students with plant which they will be visiting for their simulator exercises. The presentation was made by the Pilgrim Training staff. Students should become familiar with the layout of the Pilgrim control board and its basic safety functions.

Key Points to Bring Out:

Slide number

Points

The key points are to have the students begin to think in an integrated systems response way to the possible transients in terms of core and balance of plant response. Key things to recall are heat removal and its affects on reactivity and containment functions. Details of Pilgrim's monitoring limits are described with an emphasis on containment performance and heat removal. Specific terminology concerning monitoring limits need to be explained since they are not covered in previous lectures. – MFLPD, MAPRAT, MFLCPR, PCRAT, etc.

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