



RIC 2009
Human Factors DAC/ITAAC
Reviews

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Impacts on Fuel Load Schedule

- Licensed operators are required to load fuel.
- Prior to fuel load, Industry estimates two licensed operator examinations will be required.
- Operator license exams require a plant-referenced simulator. (10 CFR 55.46)
- Certification of the simulator requires a complete control room design.
- A complete control room design requires an HFE program implementation.

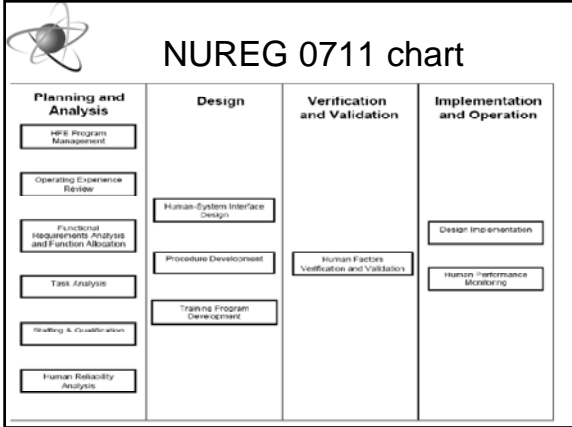
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HFE Program Review

- HFE program review approach
 - Program level review
 - Implementation Plan level review
 - Results review
- Sequence of reviews

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Impact of Review Approach on DAC/ITAAC Inspection Resources

Designs Approved To-Date	Designs Under Review
Applicants submitted high-level HFE program descriptions	Applicants providing detailed HFE program Implementation Plans
Staff conducted program-level reviews	Staff is conducting implementation plan level reviews
Implementation Plan deferred to DAC/ITAAC	Completed Implementation Plans provide detailed acceptance criteria
DAC/ITAAC inspection of Implementation Plan & results	DAC/ITAAC inspection of results against detailed acceptance criteria
Significant resources (staff & time) required for DAC/ITAAC inspection	Fewer resources required for focused inspections

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- Bottom Line**
- DAC/ITAAC inspection sequence must be managed to support fuel load schedules.
 - DAC/ITAAC closure resources for designs approved to-date must be budgeted appropriately.
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