

# Quality Assurance Briefing

## Defense Nuclear Facilities Safety Board



October 4, 2007

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# Safety Software Central Registry Status / Actions



## ■ Status:

- DOE has made limited progress addressing gaps identified in the original 6 toolbox codes
- Constraints:
  - DOE does not own or control the codes and the codes were developed prior to DOE SQA requirements in DOE 414.1C
  - Code owners willingness to readily address SQA requirements
  - Funding to address the gaps

## ■ Actions:

- HSS will develop an approach and schedule, by the end 2007, for closeout of 2002-1 recommendations
  - Prioritize the gaps to be addressed
  - Clarify expectations on the role of the toolbox and code usage
  - Map out plan of action for each code



# Management of Safety Software QA Requirements



- Review approach, expectation, and scope
- Assess DOE's implementation of SQA, including:
  - Revamping HSS corporate communication infrastructure
  - Review of Digital I&C practices and implementation strategy
  - Establishment of an SQA support group
  - Implementation of centralized lessons learned forum
  - Assessment of the Central Registry
- Determine resources needed to effectively manage safety software QA requirements
- Engage PSOs and other stakeholders and explore options for more viable/effective approaches for implementing SQA
- Report back to the Board on plan-of-action – by 2<sup>nd</sup> QTR CY08