Quality Assurance Briefing

Defense Nuclear Facilities Safety Board

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HSS

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 2nd QTR CY08