

Project Status Overview

Hutch Neilson

NCSX Project Manager

NCSX Engineering Meeting

November 27, 2002

We Congratulate
Bob Simmons

Winner of the First

**ASME Engineering and Technology
Leadership Award**

*“for extraordinary leadership in raising the
value and significance of engineering and
technology management”*

DOE Decisions on NCSX Have Been Positive

NEPA Process (Environmental Assessment)

- Finding of No Significant Impact (“FONSI”) approved by DOE-CH over 3 months ahead of schedule!

NCSX Acquisition Execution Plan

- Approved by Under Secretary of Energy.

Critical Decision - 1 (CD-1)

- Approved by Anne Davies. Establishes preliminary cost and schedule baseline range.

All DOE pre-requisites for project start are satisfied.

NCSX Activities Under the Continuing Resolution (CR)

- New starts are prohibited but NCSX advanced conceptual design is continuing in preparation for Title I.
- Under ACD we are continuing design and mfg. studies to:
 - Resolve technical issues.
 - Reduce risks through increased understanding of fabrication approaches and operational performance.
 - Minimize impact of delayed start.
- Project management mechanics are being phased in now so we can be as efficient as possible when project starts.
- CR has been extended to at least Jan. 11. We don't know how long it will last. Project is expected to start soon after CR ends.

Planning Schedule for Upcoming Reviews

(Assumes CR ends by ~late Feb., 2003)

Preliminary Design Review – May, 2003

- Validate that design maturity and estimates for high-risk components (MC, VV) are sufficient to proceed with development of build-to specs.

Project Cost & Schedule Baseline Review - before EIR

- Validate the baseline for the entire project.

DOE External Independent Review (EIR) - July, 2003

- Validate that there is sufficient confidence in project estimates and management systems to establish the performance baseline.

CD-2, DOE Approval of Performance Baseline - July, 2003

Final Design Reviews (MC: Sept., 2003; VV: Dec., 2003)

- Validate that technical specs and estimates are sufficient to proceed with fabrication.

CD-3, DOE Approval to Initiate Fabrication, Jan., 2004

- Proceed with fabrication of VV, MCWF, other critical fab. activities.