

DESIGN REVIEW DOCUMENTATION – RESULTS

Title: NCSX VV Thermohydraulics

WP#: _____ (ENG-032)

Type of Review: Peer CDR PDR FDR

Cog Individual: P. Goranson (ORNL) **Date of Review:** 3/3/04

Review Board Members:

Invited attendees :

Chairperson L. Dudek _____	QA _____	R. Simmons _____
F. Dahlgren _____	K. Freudenberg _____	J. Schmidt _____
M. Kalish _____	W. Reiersen _____	G. Pitonak _____
R. Parsells _____	H. Neilson _____	_____
B. Nelson (ORNL) _____	G. Gettelfinger _____	_____
Regulatory Compliance _____		

Items Reviewed:

Sat. **Unsat.**

Comments

Appropriate requirements identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Development plans and schedules	<input type="checkbox"/>	<input type="checkbox"/>	NA _____
Regulatory compliance including USQD and NEPA	<input type="checkbox"/>	<input type="checkbox"/>	NA _____
Disposition of CHITS from previous reviews	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Cost objectives	<input type="checkbox"/>	<input type="checkbox"/>	NA _____
Other review objectives addressed (attachment 4 of ENG-033)	<input type="checkbox"/>	<input type="checkbox"/>	_____

SUMMARY OF RESULTS:

Paul Goranson presented the results of the DAC, NCSX-CALC-123-01-00_dA. Two (2) chits were generated and dispositioned at the review. The committee felt the vacuum vessel thermo-hydraulic design was adequate to show a feasible solution to the heating (bakeout) and cooling of the vacuum vessel. This review was considered acceptable pending resolution of the chits.

Disposition: [check one]

_____ **Acceptable**

Acceptable pending resolution of concerns- CHITS identified above must be resolved prior to installation.

_____ **Incomplete** - Additional design work is required prior to another design review.

Chairperson Signature: _____ **Date:** _____

Distribution: Review Board Members, Operations Center, Cognizant Design Engineer, System Engineer(s), Attendees, QA, ES&H