

DESIGN REVIEW DOCUMENTATION – RESULTS

Title: NCSX External Saddle Loops FDR for Templates _____ **WP#:** 1212 __ (ENG-032)

Type of Review: Peer CDR PDR FDR

Cog Individual: G. Labik _____ **Date of Review:** 12/15/05 _____

Review Board Members:

Invited attendees :

Chairperson L. Dudek _____	QA I. Zatz _____	_____
D. Johnson _____	J. Edwards _____	_____
B. Stratton _____	M. Zarnstorff _____	_____
M. Viola _____	T. Brown _____	_____
W. Reiersen _____	S. Raftopoulos _____	_____
Regulatory Compliance _____		

Items Reviewed:

Sat. **Unsat.**

Comments

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

(attachment 4 of ENG-033)

SUMMARY OF RESULTS:

This review met the charge presented to the reviewers. The distribution of the templates has been redefined. The design addresses all the requirements and the interfaces have been defined. There are sufficient CF flanges on the vertical port and the details of the junction box design are in progress and will be reviewed separately. The installation method has been defined, but the detailed procedure will not be available until the Saddle Loops FDR is held. The new design greatly reduces the potential for interferences. Resource loaded schedules have been developed.

Four (4) chits were generated and dispositioned at the review. This review was considered acceptable pending resolution of 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