

DESIGN REVIEW DOCUMENTATION – RESULTS

Title: FPA- Station 5 **WP#:** 1431 _____ (ENG-032)

Type of Review: Peer CDR PDR FDR

Cog Individual: Tom Brown _____ **Date of Review:** March 11, 2008

Review Board Members:	Invited attendees:	Other Attendees:
Chairperson: J. Chrzanowski _____	QA _____	_____
Mike Viola _____	Larry Dudek _____	P. Heitzenroeder
Erik Perry _____	Mike Cole [ORNL] _____	Art Brooks _____
Shawn Connolly _____	John Edwards _____	Mark Smith _____
Kevin Freudenberg [ORNL] _____	Hutch Neilson _____	
Paul Goranson [ORNL] _____	_____	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 type="checkbox"/>	<input type="checkbox"/>	_____
Disposition of CHITS from previous reviews	<input type="checkbox"/>	<input type="checkbox"/>	N/A No chits from previous reviews _____
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:

A PDR of the Assembly Station 5 was successfully presented by Tom Brown. A review of the requirements as well as detail description of the support structure components was presented. The fixture drawings are nearly complete, and the analysis of the loads and deflections was available. A number of chits were generated recommending some improvements to the design including additional outriggers and increasing the design safety factor to 5 since personnel will be inside or under the structure during various elements of the station 5 activities. Overall the review was deemed successful by the review committee pending resolution of the chits generated.

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, Security