Design Review Results Form	Page 1 of 1
DESIGN REVIEW DOCUMENTATION - RETITUTE: NCSX PROTO, VV FOR	ESULTS N/A WP#: 1074 (ENG-032)
Type of Review: Peer CDR POR FDR	v: <u>7-8-03</u>
Review Board Members: Chairperson Doz (AZSGU) Rea Crasses Regulatory Compliance Invited attendees: QA J. Malsbury QA J. Malsbury And Shury Regulatory Compliance	Other Attendees: PHeitzenroch L. Sutton
Items Reviewed: Appropriate requirements identified Development plans and schedules Regulatory compliance including USQD and NEPA Disposition of CHITS from previous reviews Cost objectives Other review objectives addressed (attachment 4 of ENG-033)	lagne will confirm.
SUMMARY OF RESULTS: Vender requested root pass de - considered bot rejected.	not be vacuum
Disposition: [check one] Acceptable Acceptable pending resolution of concerns- CHITS identified above m Incomplete - Additional design work is required prior to another design review.	
Distribution: Review Board Members, Operations Center, Cognizant Designations, QA, ES&H	gn Engineer, System Engineer(s),

PROCEDURE

PPPL PRINCETON PLASMA PHYSICS LABORATORY

No. ENG-033 Rev 2 Attachment 5

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The ES&H and Infrastructure Support Department maintains the signed original.

PPPL PRINCETON PLASMA PHYSICS LABORATORY PROCEDURE No. ENG-033 Rev 0 Attachment 3

PPPL Design Review CHIT Form Page 1 of 1

WP # (E	NG-032)
PPPL DESIGN REVIEW CHIT #	•
COMPONENT/SUBSYSTEM/SYSTEM	☐ PEER
	□ CDR □ PDR
	FDR
SUBJECT: (CHECK AS APPLICABLE)	
☐ REQUIREMENTS ☐ HARDWARE ☐ SAFETY ☐ ANALYSIS ☐ CONFIGURATION ☐ COST/SC ☐ PERFORMANCE ☐ RELIABILITY/MAINTAINABILITY ☐ QUALITY	CHEDULE
COMMENT/CONCERN/RECOMMENDATION LIAN ly teon of CAD models need	to
Translation of CAD models need be verified as part of MIT/QApl	an
ORIGINATOR_Keiler	seu
NAME/ORGANIZATION	
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide reason - do not simply state "out-of-scope or N/A" without explaining.)	de technical
O CONCUR O DISAGREE O OTHER CHAIRPERSON DATE:	7/8/03
Concur Vendors to be notified	1
Concur Vencers 10 00 11011 0000	4
Via Lany Eutton	,
SIGNATURE Melo Technological DATE:	1/8/03
RESPONSIBLE RLM REVIEW APPROVE COG DISPOSITION	2/0/2
0 DISAPPROVE COG DISPOSITION SIGNATUREDATE:DATE:	7/0/03
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete.	
CIGNATURE DATE:	

PROCEDURE PPPL PRINCETON PLASMA PHYSICS LABORATORY

No. ENG-033 Rev 0 Attachment 3

PPPL Design Review CHIT Form

Page 1 of 1

PPPL DESIGN REVIEW CHIT CHIT # (ENG-032)		
COMPONENT/SUBSYSTEM/SYSTEM PEER		
COGNIZANT DESIGN ENGINEERDATE OF REVIEWDETERMINED		
SUBJECT: (CHECK AS APPLICABLE)		
☐ REQUIREMENTS ☐ HARDWARE ☐ SAFETY ☐ ANALYSIS ☐ CONFIGURATION ☐ COST/SCHEDULE ☐ PERFORMANCE ☐ RELIABILITY/MAINTAINABILITY ☐ QUALITY		
COMMENT/CONCERN/RECOMMENDATION		
models need to be checked along		
with drawings.		
with drawings. Should develops guidelines for checking ORIGINATOR Cherisen hodels - what do we NAME/ORGANIZATION		
look for!		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reason - do not simply state "out-of-scope or N/A" without explaining.)		
· Action: Core		
O DISAGREE - L/-		
0 OTHER CHAIRPERSON Tanely DATE: 7/8/33		
COCNIZANT DESIGN ENGINEEDIS DESPONSEIDISPOSITION:		
Concer. Cole to develop creterie		
for checking and program		
per that criteria Sele / 1863		
RESPONSIBLE RLM REVIEW		
APPROVE COG DISPOSITION SIGNATURE KLEELE DATE: 7/8/03		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete.		
SIGNATUREDATE:		

PPPL Design Review CHIT Form	Page 1 of 1
	(ENG-032)
COMPONENT/SUBSYSTEM/SYSTEM	☐ PEER☐ CDR☐ PDR☐ PDR☐ FDR
SUBJECT: (CHECK AS APPLICABLE)	J VZ PUK
☐ ANALYSIS ☐ CONFIGURATION ☐	SAFETY COST/SCHEDULE QUALITY
Deflections due to gravity load be calculated to verify that & acceptable (VVSA) and PVVS) in all orientations, NAME/ORGANIZATION	s should this they are leceisen
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not address technical, cost, and schedule impacts as appropriate. If CHIT is not address technical, cost, and schedule impacts as appropriate. If CHIT is not addressed and contact the contact that the c	opted, provide technical
DEONCUR 0 DISAGREE 0 OTHER COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: WBS (2 should makelele to analyses in the October Pro	DATE: 7/9/03
SIGNATURE Melo Melo	DATE: 7/8/03
RESPONSIBLE RLM REVIEW APPROVE COG DISPOSITION O DISAPPROVE COG DISPOSITION SIGNATURE	DATE: 7/8/03
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete.	
SIGNATURE	DATE:

PROCEDURE

PPPL PRINCETON PLASMA PHYSICS LABORATORY

No. ENG-033 Rev 0 Attachment 3 PPPL PRINCETON PLASMA PHYSICS LABORATORY PROCEDURE No. ENG-033 Rev 0 Attachment 3

PPPL Design Review CHIT Form Page 1 of 1

PPPL DESIGN REVIEW CHIT # 4	(ENG-032)
PPPL DESIGN REVIEW CHIT #_4	
COMPONENT/SUBSYSTEM/SYSTEM	☐ PEER
COGNIZANT DESIGN ENGINEERDATE OF REVIEW	D PDR FDR
SUBJECT: (CHECK AS APPLICABLE)	
☐ REQUIREMENTS ☐ HARDWARE ☐ SAFET ☐ ANALYSIS ☐ CONFIGURATION ☐ COST. ☐ PERFORMANCE ☐ RELIABILITY/MAINTAINABILITY ☐ QUALI	SCHEDULE
COMMENT/CONCERN/RECOMMENDATION Dimensional checks on the PVVS &	hould
be checked at the factory and at PF	
determine is any demensional che occur during supperf. ORIGINATOR_Reil	isen
occur acung suggesty.	
(Faiselle remaik.)	
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, pr reason - do not simply state "out-of-scope or N/A" without explaining.)	ovide technical
Action. Diola	
CONCUR 0 DISAGREE 0 OTHER CHAIRPERSON DAT	E: 7/8/63
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:	′ ′
update job 1202 to add	
PUVS Receipt QA	
SIGNATURE MILE FLOW DATE	7/2/03
RESPONSIBLE RLM REVIEW	2/0/-
APPROVE COG DISPOSITION SIGNATURE	: 178/03
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete.	İ
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PRINCETON PLASMA PROCEDURE PHYSICS LABORATORY

No. ENG-033 Rev 0 Attachment 3

Page 1 of 1

DATE:

PPPL Design Review CHIT Form WP# (ENG-032) PPPL DESIGN REVIEW CHIT CHIT # PEER COMPONENT/SUBSYSTEM/SYSTEM_ CDR PDR COGNIZANT DESIGN ENGINEER_____ DATE OF REVIEW **FDR** SUBJECT: (CHECK AS APPLICABLE) □ SAFETY ☐ HARDWARE ☐ REQUIREMENTS ☐ CONFIGURATION ☐ COST/SCHEDULE ☐ ANALYSIS QUALITY ☐ RELIABILITY/MAINTAINABILITY PERFORMANCE COMMENT/CONCERN/RECOMMENDATION Dia ORIGINATOR NAME/ORGANIZATION REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reason - do not simply state "out-of-scope or N/A" without explaining.) Action - You Goranson **CONCUR 0 DISAGREE** CHAIRPERSON 0 OTHER COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: SIGNATURE RESPONSIBLE RLM REVIEW APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITION SIGNATURE **COGNIZANT DESIGN ENGINEER CLOSE-OUT**

SIGNATURE

Sign when action required by disposition is complete.