

NCSX Peer Review

Date:

Resolution of NCSX Quality Assurance Plan Peer Review Chits, conducted on 11/1/02, has been successfully completed and all CHITs closed out.

Review Board Comment/Recommendation and Close Out:

Concur: R.T. Simmons, Peer Review Chair

Cognizant Engineer's Response/Disposition/Closeout:

Judy Malsbury, QA

RLM Review:

Concur: Wayne Reiersen, NCSX RLM

<h2 style="margin: 0;">PPPL DESIGN REVIEW CHIT</h2>		WP # _____ (ENG-032) CHIT # <u>1</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX QA Plan</u> COGNIZANT DESIGN ENGINEER <u>Judy Malsbury</u> DATE OF REVIEW <u>11/1/02</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
SUBJECT: (CHECK AS APPLICABLE) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> REQUIREMENTS</div> <div style="width: 33%;"><input type="checkbox"/> HARDWARE</div> <div style="width: 33%;"><input type="checkbox"/> SAFETY</div> <div style="width: 33%;"><input type="checkbox"/> ANALYSIS</div> <div style="width: 33%;"><input type="checkbox"/> CONFIGURATION</div> <div style="width: 33%;"><input type="checkbox"/> COST/SCHEDULE</div> <div style="width: 33%;"><input type="checkbox"/> PERFORMANCE</div> <div style="width: 33%;"><input type="checkbox"/> RELIABILITY/MAINTAINABILITY</div> <div style="width: 33%;"><input type="checkbox"/> QUALITY</div> </div>		
COMMENT/CONCERN/RECOMMENDATION How will PPPL Design Work meet or exceed requirements of ENG-032? Issue is application of WP form in design process. Rich is worried about audit findings, etc. - reinventing the wheel. <div style="text-align: right;"> ORIGINATOR <u>Neilson</u> NAME/ORGANIZATION <u>NCSX</u> </div>		
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.) Hutch to review ENG-032 for applicability to design. <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input checked="" type="checkbox"/> OTHER </div> <div> CHAIRPERSON <u>R. T. Simmons</u> DATE: <u>11/1/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: ENG-032, in the Applicability section, states the following: "It {the Work Planning Form} is not directly applicable to work performed during the conceptual or design phases," However, NCSX plans to incorporate the key issues identified by the WP form in the Systems Engineering Management Plan and Confirmation Management Process. No changes to the QA Plan are required. <div style="text-align: right;"> SIGNATURE <u>Judy Malsbury</u> DATE: <u>2/25/03</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE <u>Wayne Reiersen</u> DATE: <u>2/26/03</u> </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right;"> SIGNATURE <u>Judy Malsbury</u> DATE: <u>2/26/03</u> </div>		

<h2 style="margin: 0;">PPPL DESIGN REVIEW CHIT</h2>		WP # _____ (ENG-032) CHIT # <u>2</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX QA Plan</u> COGNIZANT DESIGN ENGINEER <u>Judy Malsbury</u> DATE OF REVIEW <u>11/1/02</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
SUBJECT: (CHECK AS APPLICABLE) <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> REQUIREMENTS <input type="checkbox"/> ANALYSIS <input type="checkbox"/> PERFORMANCE </div> <div> <input type="checkbox"/> HARDWARE <input type="checkbox"/> CONFIGURATION <input type="checkbox"/> RELIABILITY/MAINTAINABILITY </div> <div> <input type="checkbox"/> SAFETY <input type="checkbox"/> COST/SCHEDULE <input type="checkbox"/> QUALITY </div> </div>		
COMMENT/CONCERN/RECOMMENDATION Engineering standards - need a side-by-side review of PPPL/ORNL Engineering Standards. Need closure with PPPL and ORNL participants. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>Reiersen</u> NAME/ORGANIZATION <u>NCSX</u> </div>		
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.) Review ORNL and PPPL Standards and Procedures. <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input type="checkbox"/> OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>R. T. Simmons</u> DATE: <u>11/1/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: Review performed by Bob Simmons and Brad Nelson. No ORNL standards or procedures were identified that appeared advantageous to adopt for NCSX. <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>Judy Malsbury</u> DATE: <u>2/25/03</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div style="text-align: right;"> SIGNATURE <u>W. Reiersen</u> DATE: <u>2/27/03</u> </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>Judy Malsbury</u> DATE: <u>2/28/03</u> </div>		

<h2 style="margin: 0;">PPPL DESIGN REVIEW CHIT</h2>		WP # _____ (ENG-032) CHIT # <u>3</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX QA Plan</u> COGNIZANT DESIGN ENGINEER <u>Judy Malsbury</u> DATE OF REVIEW <u>11/1/02</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
SUBJECT: (CHECK AS APPLICABLE) <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> REQUIREMENTS <input type="checkbox"/> ANALYSIS <input type="checkbox"/> PERFORMANCE </div> <div> <input type="checkbox"/> HARDWARE <input type="checkbox"/> CONFIGURATION <input type="checkbox"/> RELIABILITY/MAINTAINABILITY </div> <div> <input type="checkbox"/> SAFETY <input type="checkbox"/> COST/SCHEDULE <input checked="" type="checkbox"/> QUALITY </div> </div>		
COMMENT/CONCERN/RECOMMENDATION <p>ORNL procedures are being expanded from calibration to the more general "field procedures." No field work is planned now. If ORNL field work does become needed, adequate time to ensure review will be needed.</p> <p style="text-align: right;">ORIGINATOR <u>Malinowski</u></p> <p style="text-align: right;">NAME/ORGANIZATION <u>QA</u></p>		
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.) <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input type="checkbox"/> OTHER </div> <div> CHAIRPERSON <u>R. T. Simmons</u> DATE: <u>11/1/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <p>Project management agreed to provide advanced notice, if needed.</p> <p style="text-align: right;">SIGNATURE <u>Judy Malsbury</u> DATE: <u>11/1/02</u></p>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE <u>Wayne Reiersen</u> DATE: <u>2/28/03</u> </div> </div>		
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