

DESIGN REVIEW DOCUMENTATION – RESULTS

Title: Review of NCSX CMP & Procedure 002 WP#: _____ (ENG-032)

Type of Review: ☒ Peer ☐ CDR ☐ PDR ☐ FDR

Cog Individual: R. Simmons **Date of Review:** 12/17/2002

Review Board Members:

Invited attendees :

Other

Attendees:

Chairperson Frannk Malinowski

John Schmidt

Bob Simmons

Hutch Neilson

Charlie Neumeyer

Phil Heitzenroeder

Larry Dudek

Mike Zarnstorff

Brad Nelson

Wayne Reiersen

Regulatory Compliance

Items Reviewed:

Sat.

Unsat.

Comments

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)

SUM ARY OF RESULTS:

Purpose and approach to configuration management on NCSX Project Reviewed and implementing Configuration Management Plan (NCSX-PLAN-CMP) and NCSX Cofiguration Control Procedure (NCSX-PROC-002) reviewed. 11 CHITs identified for disposition by Project.

Disposition: [check one]

☐

Accept able

☒

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

CMP and Procedure 002.

☐

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

Chairperson Signature:

Distribution: Review Board Members, NCSX Engineering Web Page, Cognizant Design Engineer, System Engineer(s), Attendees, QA, ES&H

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 1 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Need designated calculation/analysis ID & storage area. Use PPPL procedure & DMP to cover ID & storage. <div style="text-align: right;"> ORIGINATOR <u>F. Malinowski</u> NAME/ORGANIZATION <u>QA</u> </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) Will modify as suggested above. <div style="display: flex; justify-content: space-between;"> <div> X CONCUR 0 DISAGREE 0 OTHER </div> <div> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: (Malinowski) Need designated calculation/analysis ID and storage area. Suggest using PPPL procedure and Data Management Plan (DMP) to cover ID and storage requirements <ul style="list-style-type: none"> Modified Document and Records Plan (DOC) and DMP accordingly. <div style="text-align: right; margin-top: 20px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12/18/02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right;"> SIGNATURE _____ DATE: _____ </div>		

PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 2 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 The cost & schedule baseline should physically be two tables: a table of milestones and a table of costs (with contingency) at a level of granularity determined by the NCSX Project Manager. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>J. Schmidt</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATIONS (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) P3 has the details (resource-loaded schedule) but can extract tables as requested. 0 CONCUR 0 DISAGREE X OTHER _____ CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> The resource-loaded database (P3) certainly has the capability to summarize the details at whatever level desired. However, subsequent discussions with the NCSX Project Manager indicated that the current wording in the CMP is adequate and does not need changing. </div> <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12/18/02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 3 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
SUBJECT: (CHECK AS APPLICABLE) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input checked="" 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 PPPL Procedure on the ECN (ENG-010) requires RLM signature and the RLM may not be NCSX WBS Manager or even at the working level for NCSX. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u> L. Dudek </u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION <small>(Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.)</small> Need to make NCSX Engrg. Mgr. RLM. <div style="display: flex; justify-content: space-between;"> <div> 0 CONCUR 0 DISAGREE <input checked="" type="checkbox"/> OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> The Head of Engineering has verbally confirmed that the NCSX Engineering Manager is the NCSX RLM. </div> <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div style="border-left: 1px solid black; padding-left: 10px; margin-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT <small>Sign when action required by disposition is complete.</small> <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		

PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 4 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Add "closed" to status notes on ECP status log. <div style="text-align: right;"> ORIGINATOR <u>C. Neumeyer</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) Revise NCSX Procedure 002. <div style="display: flex; justify-content: space-between;"> <div> X CONCUR 0 DISAGREE 0 OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 20px;"> <ul style="list-style-type: none"> NCSX Procedure 002 revised accordingly. </div> <div style="text-align: right;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right;"> SIGNATURE _____ DATE: _____ </div>		

<h2 style="margin: 0;">PPPL DESIGN REVIEW CHIT</h2>		WP # _____ (ENG-032) CHIT # <u> 5 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Current ECN Procedure (ENG-010) is tied into the PPPL Work Planning Form (WP) procedure (ENG-032). This needs to be reconciled with the NCSX CMP that does not mention the WP. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>L. Dudek</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) <ol style="list-style-type: none"> 1. Need to clarify NCSX use of WP in SEMP. 2. Current ENG-010 allows RLM to not require a WP. <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input type="checkbox"/> OTHER </div> <div style="text-align: right; margin-top: 10px;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <ul style="list-style-type: none"> The use of the WP on NCSX has been clarified in the Systems Engineering Management Plan (SEMP) and with PPPL Deputy Director => The NCSX Project (Simmons) has proposed modifications to both ENG-010 and ENG-032 that hopefully will clarify this issue => on NCSX a WP will be required for <u>any</u> fabrication, whether on or off site. In any case, a Work Planning Form may be used at the discretion of the cognizant engineer with the concurrence of the responsible RLM." The ECN form in NCSX Procedure 002 has been revised to include the applicable check list items from the WP form. <div style="text-align: right; margin-top: 10px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <input type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div style="flex: 1; border-left: 1px solid black; padding-left: 10px; margin-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right;"> SIGNATURE _____ DATE: _____ </div>		

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u>6</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Exclude WP's from being required to initiate ECNs during construction. Modify ECP inputs page to address all applicable impacts flagged on the WP form. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>Reiersen</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons do not simply state "out-of-scope or N/A" without explaining.) <ol style="list-style-type: none"> 1. Agree, will modify ECP form to include WP check list. 2. ENG-010 permits RLM to not require use of WP. 3. NCSX needs to clarify w/Deputy Director on when WP needed for NCSX. <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input type="checkbox"/> OTHER </div> <div style="text-align: right; margin-top: 10px;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> See response to Chit #5. All actions completed. </div> <div style="text-align: right; margin-top: 20px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div style="border-left: 1px solid black; padding-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right;"> SIGNATURE _____ DATE: _____ </div>		

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 7 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 <p>There should be a level of change where an ECP is not required. Level 4 ECP now covers "all other" implying any change will require an ECP. Is this what is desired?</p> <p style="text-align: right;">ORIGINATOR <u>F. Malinowski</u></p> <p style="text-align: right;">NAME/ORGANIZATION <u>QA</u></p>		
REVIEW BOARD COMMENT/RECOMMENDATION <small>(Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons do not simply state "out-of-scope or N/A" without explaining.)</small> <p>Clarify & modify CMP accordingly. This is related to Chit #2 (J. Schmidt).</p> <p>X CONCUR 0 DISAGREE 0 OTHER</p> <p style="text-align: right;">CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u></p>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <ul style="list-style-type: none"> Decision made to not set threshold below which an ECP is not required. Flexibility currently exists for WBS Manager to initiate change if not technical, cost, or schedule impact after ensuring no impact on other WBS elements. <p style="text-align: right;">SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u></p>		
RESPONSIBLE RLM REVIEW 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION		
SIGNATURE _____ DATE: _____		
COGNIZANT DESIGN ENGINEER CLOSE-OUT <small>Sign when action required by disposition is complete.</small> SIGNATURE _____ DATE: _____		

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u>8</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 <p>How will user identify documents that form the current technical baseline? Perhaps a posted list? How will user identify intermediate (i.e., between design reviews) baselines established by an ECP?</p> <p style="text-align: right;"> ORIGINATOR <u>Malinowski</u> NAME/ORGANIZATION <u>QA</u> </p>		
REVIEW BOARD COMMENT/RECOMMENDATION <small>(Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.)</small> <ol style="list-style-type: none"> Dwgs. have areas posted in Pro/INTRALINK. Other tech docs will be in special folders on Engrg. Web. NCSX needs to clarify dsn pt baselines & current baseline (by ECPs) and identify areas in Pro/INTRALINK & Eng. Web to clearly identify baselines. <p> <input checked="" type="checkbox"/> CONCUR <input type="checkbox"/> DISAGREE <input type="checkbox"/> OTHER </p> <p style="text-align: right;">CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u></p>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <ul style="list-style-type: none"> Drawings and models forming current technical baseline are identified as part of the baseline and baseline has unique name and identified (e.g., CDR Baseline_0502) in Pro/INTRALINK => CMP revised to clarify technical baseline identification in Pro/INTRALINK. Other documents forming the technical baseline will have special unique folders on the Engineering Web page. <p style="text-align: right;">SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u></p>		
RESPONSIBLE RLM REVIEW <div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> APPROVE COG DISPOSITION <input type="checkbox"/> DISAPPROVE COG DISPOSITION </div> <div style="flex: 1; border-left: 1px solid black; padding-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT <small>Sign when action required by disposition is complete.</small> <p style="text-align: right;">SIGNATURE _____ DATE: _____</p>		

PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u> 9 </u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Add "all WBS Mgrs" to the ECP notification. Allow any WBS Mgr. To submit ECP comments/concerns on ECP Part II. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>F. Malinowski</u> NAME/ORGANIZATION <u>QA</u> </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons do not simply state "out-of-scope or N/A" without explaining.) Will modify CMP & Proc. 002 to do this. <div style="display: flex; justify-content: space-between;"> <div> X CONCUR 0 DISAGREE 0 OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> CMP and NCSX Procedure 002 modified accordingly. </div> <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		

PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u>10</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Consider removing GRD from list of items subject to the NCSX Federal Project Manager approval. GRD tends to be technical in nature – value added by elevating to NCSX Federal project Manager approval is questionable. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>C. Neumeyer</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) GRD is approved by NCSX PM <u>not</u> Pitonak. Will need to revise PEP, SEMP, CMP to reflect this. <div style="display: flex; justify-content: space-between;"> <div> X CONCUR 0 DISAGREE 0 OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> Some confusion here. PEP can be interpreted to require NCSX Federal Project Manager approval, but drafts circulated have NCSX Project Manager approval only. Need to clarify this with Greg Pitonak => ACTION: Neilson </div> <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div style="border-left: 1px solid black; padding-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		

<b style="font-size: 1.2em;">PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u>10</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 Consider removing GRD from list of items subject to the NCSX Federal Project Manager approval. GRD tends to be technical in nature – value added by elevating to NCSX Federal project Manager approval is questionable. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>C. Neumeyer</u> NAME/ORGANIZATION _____ </div>		
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COGNIZANT DESIGN ENGINEER’S RESPONSE/DISPOSITION: <ul style="list-style-type: none"> Have resolved this issue with Federal Project Manager – G. Pitonak agrees that the NCSX Project Manager will approve GRD. PEP will be revised in next few months eliminate the confusion. SEMP & CMP already revised. <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		

PPPL DESIGN REVIEW CHIT		WP # _____ (ENG-032) CHIT # <u>11</u>
COMPONENT/SUBSYSTEM/SYSTEM <u>NCSX CM Plan & Procedure 002</u>		<input checked="" type="checkbox"/> PEER <input type="checkbox"/> CDR <input type="checkbox"/> PDR <input type="checkbox"/> FDR
COGNIZANT DESIGN ENGINEER <u>R. Simmons</u> DATE OF REVIEW <u>12-17-02</u>		
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 System (probably CMP) must address control of space allocation on the NCSX model. <div style="text-align: right; margin-right: 100px;"> ORIGINATOR <u>L. Dudek</u> NAME/ORGANIZATION _____ </div>		
REVIEW BOARD COMMENT/RECOMMENDATION (Address technical, cost, and schedule impacts as appropriate. If CHIT is not adopted, provide technical reasons. Do not simply state "out-of-scope or N/A" without explaining.) L. Dudek to propose an approach. <div style="display: flex; justify-content: space-between;"> <div> X CONCUR 0 DISAGREE 0 OTHER </div> <div style="text-align: right;"> CHAIRPERSON <u>F. Malinowski</u> DATE: <u>12/18/02</u> </div> </div>		
COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION: <div style="margin-left: 40px;"> <ul style="list-style-type: none"> T. Brown has clarified that Pro/INTRALINK database does reflect component envelopes on model when component is identified. </div> <div style="text-align: right; margin-right: 100px;"> SIGNATURE <u>R. Simmons</u> DATE: <u>12-18-02</u> </div>		
RESPONSIBLE RLM REVIEW <div style="display: flex; justify-content: space-between;"> <div> 0 APPROVE COG DISPOSITION 0 DISAPPROVE COG DISPOSITION </div> <div style="border-left: 1px solid black; padding-left: 10px; margin-left: 10px;"> SIGNATURE _____ DATE: _____ </div> </div>		
COGNIZANT DESIGN ENGINEER CLOSE-OUT Sign when action required by disposition is complete. <div style="text-align: right; margin-right: 100px;"> SIGNATURE _____ DATE: _____ </div>		