

NCSX Document and Records Plan Peer Review

Date: March 19, 2003

Resolution of NCSX Document and Records Plan Peer Review Chits, conducted on March 14, 2003, has been successfully completed and all CHITs closed out.

Review Board Comment/Recommendation and Close Out:

Concur: Judy Malsbury, Peer Review Chair

Cognizant Engineer's Response/Disposition/Closeout:

Robert Simmons

RLM Review:

Concur: Hutch Neilson, NCSX RLM

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 1COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

If Ops Center maintains any electronic records, need to be included in Net backup system.

ORIGINATOR J. MalsburyNAME/ORGANIZATION - QA**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

Operations Center NCSX web site (<http://www.pppl.gov/ncsx/OperationsCenter/>) established and html index page will be created as overview to store hard copy documents received by Operations Center (e.g., vendor submittals, WPs – including JHA's, NCRs, etc.). The fileroom is automatically backed-up via Net Backup.

SIGNATURE R. Simmons DATE: 05-07-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 05-07-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 05-07-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 2COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

The approach taken to move drawings within INTRALINK from one release level to another (CD to PD, as example) needs to be defined in a "user friendly" manner that meets the current lab experience in running INTRALINK.

ORIGINATOR Tom BrownNAME/ORGANIZATION MED**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

Tom Brown has recommend change to to DMP to clarify/update drawing release process. (see attached). No change to Pro/INTRALINK Users Guide required.

SIGNATURE R. Simmons DATE: 04-14-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 04-14-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 04-14-03

Suggested change to Section 2.2.3 of DMP:

Drawings will be placed as Adobe pdf files in the NCSX Design_Review_ftp subdirectory (ftp://ftp.pppl.gov/pub/ncsx/Design_Review_Matrl/), under a directory named for the particular Design Review. The Design Integration Manager will set up the appropriate directory. It is the responsibility of the WBS manager (or designated cognizant engineer) to inform all reviewers when drawings are placed in the Design_Review_ftp site and supply them with all other documents as outlined above. The WBS manager (or designated cognizant engineer) will also inform those individuals who are responsible for approving drawings within ProINTERLINK that two weeks after the drawings are placed in the Design_Review_ftp subdirectory, a request-to-promote will be issued, activating ProINTRALINK to send emails (intermittently) to all approvers until approval action is taken.

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 3COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

There is no clear procedure for implementing interim changes to dwgs., SOWs, specs. This will be necessary in order to permit suppliers to react in a timely fashion. The process must also address the need to coordinate with Procurement, QA, etc.

ORIGINATOR Rod TemplonNAME/ORGANIZATION PROCUREMENT**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

- Rod Templon developed disclaimer statement for posting on the Manufacturing and Supplier FTP webs.
- Tom Brown has considering adding an electronic stamp ("Info Only/Not for Fab or Construction) and revising the DMP and Users Guide to reflect this, but, upon reflection, has decided not to do so. (See attached).
- Bob Simmons prepare procedure (PROC-006) for the discipline to post items on vendor-accessed sites – ensure coordination of procurement contract changes with that posted on the web.

SIGNATURE R. Simmons DATE: 05-02-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 05-02-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 05-02-03

Supplier FTP Server Version:

DISCLAIMER

Unless specifically incorporated by reference in a subcontract or purchase order issued by the Procurement Division of Princeton Plasma Physics Laboratory (PPPL), the files available on this ftp server are provided for information purposes only, and shall not be used for fabrication or otherwise employed in subcontract performance.

NCSX Manufacturing Web Page Version:

DISCLAIMER

Unless specifically incorporated by reference in a subcontract or purchase order issued by the Procurement Division of Princeton Plasma Physics Laboratory (PPPL), the files available on this site are provided for information purposes only, and shall not be used for fabrication or otherwise employed in subcontract performance.

Tom Brown's Response on Stamp Issue:

I have reviewed the issue and have conclude it is best NOT to add a stamp ("FOR INFORMATION ONLY") on posted pdf drawing. All approved manufacturing/installation drawings must (and will) have a stamp on them indicating that the drawing is released for manufactureing plus have signatures in the drawing title block and have a revision number indicated in the revision block. All these things must be there before they are considered an approved drawing. Adding a stamp through pdf is time consuming. We could place a note on the drawing while in Pro/E (or AUTOCAD) that states "FOR INFORMATION ONLY" but then it must be taken off before the final drawing is issued. Since we have added a disclaimer in the Readme file on all the FTP sites stating that the drawings included are for information only I was hoping that this would be enough, along with incomplete drawing title blocks, as stated above. If someone really wants a stamp "for information only" on a drawing I would suggest to add it in the native CAD file.

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 4COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

Identify the Ops Center as another Web site. This is where NCRs, WPs, and perhaps JHAs would be found. (These documents are ordinarily stored here so there is no change in that regard.) All NCSX files at the Ops Center should be catalogued electronically.

ORIGINATOR W.ReiersenNAME/ORGANIZATION MED**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

- Bob Simmons met with Ops Center, Al VonHalle, and NCSX QA and PQA to arrange method of cataloging hard copy of documents being filed in Ops Center. Agreement reached on how to do this. Ops Center web pages being developed.
- Bob Simmons talked to Bill Slavin on getting hard copies of JHA sent to Ops Center. Not feasible to send electronically since these are field documents. DMP revised to reflect this.
- Judy Malsbury established system for getting electronic copies of NCRs (including scanned attachments but without signatures) to NCSX Engineering Web custodian.

SIGNATURE R. Simmons DATE: 05-01-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 05-01-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 05-01-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 5COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan

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- FDR

COGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)**

- | | | |
|---------------------------------------|--|---|
| <input type="checkbox"/> REQUIREMENTS | <input type="checkbox"/> HARDWARE | <input type="checkbox"/> SAFETY |
| <input type="checkbox"/> ANALYSIS | <input type="checkbox"/> CONFIGURATION | <input type="checkbox"/> COST/SCHEDULE |
| <input type="checkbox"/> PERFORMANCE | <input type="checkbox"/> RELIABILITY/MAINTAINABILITY | <input checked="" type="checkbox"/> QUALITY |

COMMENT/CONCERN/RECOMMENDATION

Reference CHIT #1. Need someplace (project procedure, QA-003?) to define who is responsible for the actions of the Ops Center?

ORIGINATOR Judy MalsburyNAME/ORGANIZATION QA**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.)

- CONCUR
 DISAGREE
 OTHER

CHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

Bob Simmons met with Al VonHalle and Cheryl Such on April 11th to clarify role and responsibilities of Ops Center relative to NCSX Project. General process documented in the DMP. Al VonHalle provided estimate of direct NCSX support needed for Ops Center.

SIGNATURE R. Simmons DATE: 04-30-03**RESPONSIBLE RLM REVIEW**

- APPROVE COG DISPOSITION
 DISAPPROVE COG DISPOSITION

SIGNATURE Hutch Neilson DATE: 04-30-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 04-30-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 6COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03 PDR FDR**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

DMP says one back-up (designee), but apparently multiple designers are allowed (bad idea!). Conflict should be resolved.

ORIGINATOR F. MalinowskiNAME/ORGANIZATION QA**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

- Tom Brown will be the custodian for posting drawings on the vendor sites (See CHIT #3). However the PTR for each contract will be responsible for ensuring the posting of other documents as appropriate and for the accuracy and currency of the specific site for his/her contract.
- Bob Simmons developed procedure (PROC-006) that documents process for concurrently updating contract and posting relevant documents on the vendor webs.

SIGNATURE R. Simmons DATE: 05-02-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch NeilsonDATE: 05-02-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 05-02-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 7COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

Concerns that too many custodians & designers will lead to inconsistent implementation of controls. The web & ftp sites are used to store info and to distribute controlled documents. The controls need to be defined and limited # of implementers designated.

ORIGINATOR F. MalinowskiNAME/ORGANIZATION QA**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

See resolution proposed for CHITs#6 and #8.

SIGNATURE R. Simmons DATE: 05-02-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 05-02-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 05-02-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 8COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

DMP lists mfg. Web custodian as Proc. Tech Rep, but Phil Heitzenroeder will be custodian. Plan needs update.

ORIGINATOR F. MalinowskiNAME/ORGANIZATION QA**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QADATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

The custodian for the Engineering Web and the Manufacturing Web is the Engineering Manager (Wayne). He has and can delegate some aspects to others (e.g., parts of Engineering Web delegated to Bob Simmons). Expect that some parts of the Manufacturing Web will likewise be delegated to the Technical Rep.

The DMP updated to reflect this.

SIGNATURE R. SimmonsDATE: 04-08-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE: Hutch NeilsonDATE: 04-08-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. SimmonsDATE: 04-08-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 9COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**Revise drawing release flow diagram – design baseline established going into review.ORIGINATOR W. ReiersenNAME/ORGANIZATION MED**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QADATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

Figures 2.2-4 and 2.2-5 revised to reflect correct flow of documents

SIGNATURE R. SimmonsDATE: 04-08-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE: Hutch NeilsonDATE: 04-08-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. SimmonsDATE: 04-08-03

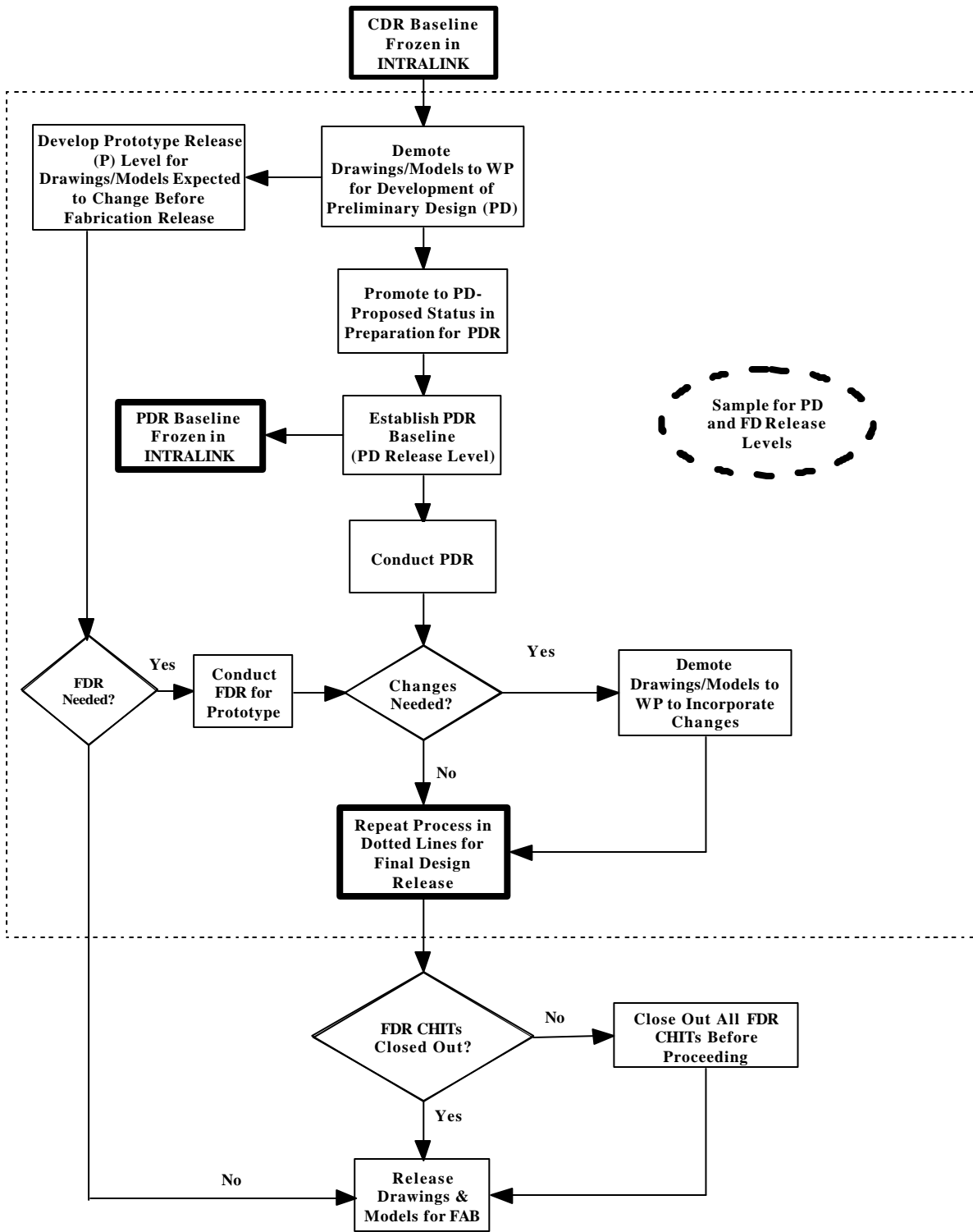


Figure 2.2-4

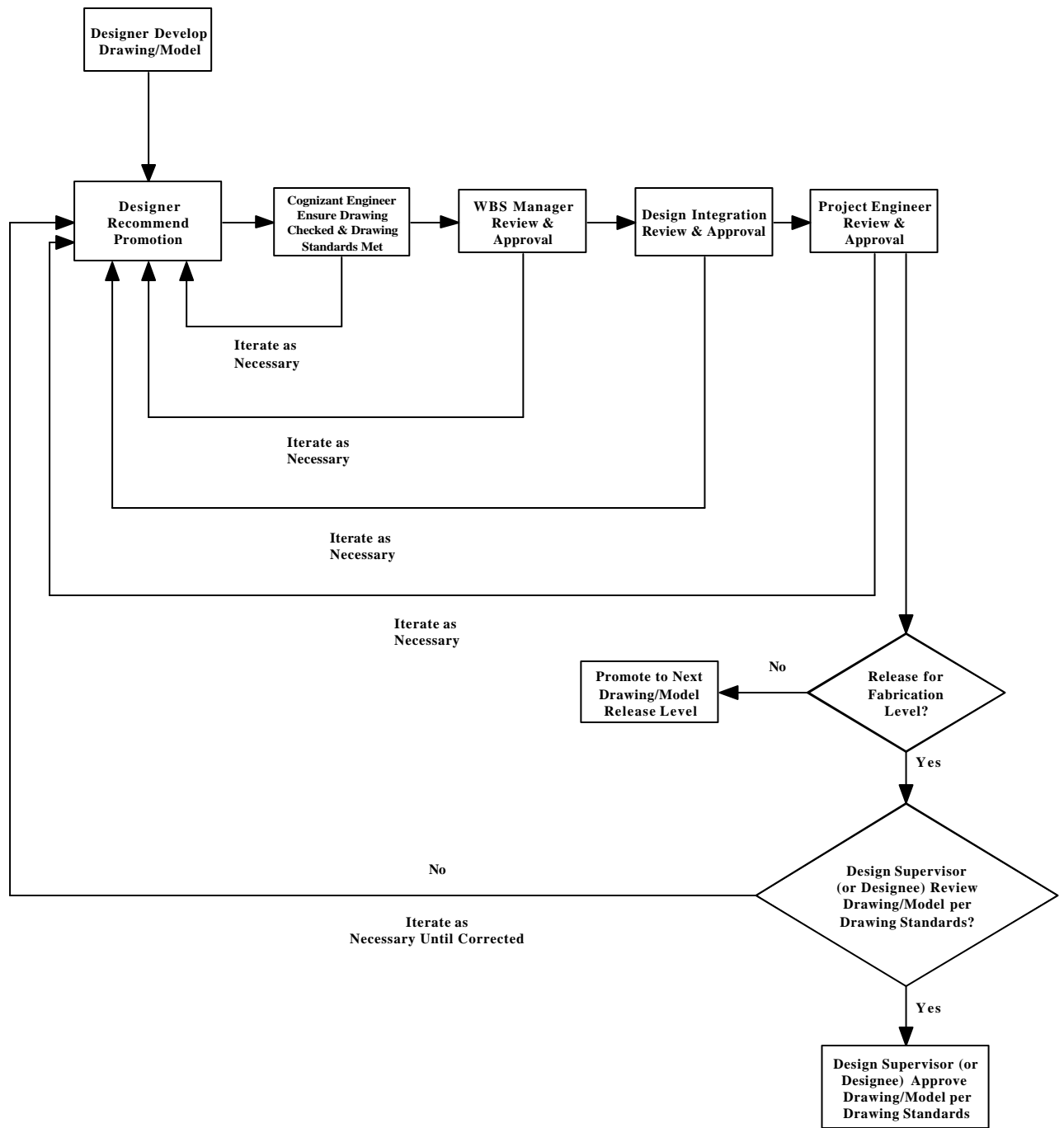


Figure 2.2-5

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 10COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

Need definition/requirements for non-PPPL & non-ORNL access to manufacturing web. Also, will suppliers only be limited to info of interest & need to know?

ORIGINATOR J. MalsburyNAME/ORGANIZATION QA**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

Only non-proprietary information from PPPL to the suppliers will be posted on the Manufacturing Web. No information provided by suppliers will be posted there. As a result, anyone should be able to access the information.

SIGNATURE R. Simmons DATE: 04-02-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 04-02-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 04-02-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 11COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

Document procedure for making posting documents on the mfg. Web and for posting drawings and models on the FTP server.

ORIGINATOR W. ReiersenNAME/ORGANIZATION MED**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QADATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

See response to CHIT#6.

SIGNATURE R. SimmonsDATE: 05-02-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch NeilsonDATE: 05-02-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. SimmonsDATE: 05-02-03

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 12COMPONENT/SUBSYSTEM/SYSTEM NCSX Data Management Plan PEER CDR PDR FDRCOGNIZANT DESIGN ENGINEER R. Simmons DATE OF REVIEW 03-31-03**SUBJECT: (CHECK AS APPLICABLE)** REQUIREMENTS HARDWARE SAFETY ANALYSIS CONFIGURATION COST/SCHEDULE PERFORMANCE RELIABILITY/MAINTAINABILITY QUALITY**COMMENT/CONCERN/RECOMMENDATION**

Where do technical data files reside and how are they controlled.

ORIGINATOR H. G. NeilsonNAME/ORGANIZATION PPPL**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.)

 CONCUR DISAGREE OTHERCHAIRPERSON J. Malsbury, QA DATE: 04-02-03**COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:**

- As indicated on CHIT#6, Bob Simmons developed a procedure (PROC-006) that documents the process for posting on vendor sites.
- Technical data files used for design (e.g., current wave forms, etc.) will be incorporated into specs as appendices and will be controlled via the CM process for changing specs.

SIGNATURE R. Simmons DATE: 04-30-03**RESPONSIBLE RLM REVIEW** APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITIONSIGNATURE Hutch Neilson DATE: 04-30-03**COGNIZANT DESIGN ENGINEER CLOSE-OUT**

Sign when action required by disposition is complete.

SIGNATURE R. Simmons DATE: 04-30-03