

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 1

COMPONENT/SUBSYSTEM/SYSTEM _____

- PEER
- CDR
- PDR
- FDR

COGNIZANT DESIGN ENGINEER _____ DATE OF REVIEW _____

SUBJECT: (CHECK AS APPLICABLE)

- REQUIREMENTS
- ANALYSIS
- PERFORMANCE
- HARDWARE
- CONFIGURATION
- RELIABILITY/MAINTAINABILITY
- SAFETY
- COST/SCHEDULE
- QUALITY

COMMENT/CONCERN/RECOMMENDATION

Translation of CAD models need to be verified as part of MIT/QA plan

ORIGINATOR Reuser
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 - Viola

- CONCUR
- DISAGREE
- OTHER

CHAIRPERSON JF Daniels DATE: 7/8/03

COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:

concur. - Vendors to be notified via Larry Sutton

SIGNATURE Mike Kida DATE: 7/8/03

RESPONSIBLE RLM REVIEW

- APPROVE COG DISPOSITION
- DISAPPROVE COG DISPOSITION

SIGNATURE Reuser DATE: 7/8/03

COGNIZANT DESIGN ENGINEER CLOSE-OUT

Sign when action required by disposition is complete.

SIGNATURE _____ DATE: _____

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 2

COMPONENT/SUBSYSTEM/SYSTEM _____

COGNIZANT DESIGN ENGINEER _____ DATE OF REVIEW _____

- PEER
- CDR
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- FDR

SUBJECT: (CHECK AS APPLICABLE)

- REQUIREMENTS
- ANALYSIS
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- SAFETY
- COST/SCHEDULE
- QUALITY

COMMENT/CONCERN/RECOMMENDATION

Models need to be checked along with drawings. Should develop guidelines for checking models - what do we look for?

ORIGINATOR Reeisen
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: Cole

- CONCUR
- DISAGREE
- OTHER

CHAIRPERSON

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:

Concur. Cole to develop criteria for checking and perform the check per that criteria

SIGNATURE [Signature] DATE: 7/8/03

RESPONSIBLE RLM REVIEW

- APPROVE COG DISPOSITION
- DISAPPROVE COG DISPOSITION

SIGNATURE

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER CLOSE-OUT

Sign when action required by disposition is complete.

SIGNATURE _____

DATE: _____

PPPL DESIGN REVIEW CHIT

WP # _____ (ENG-032)

CHIT # 3

COMPONENT/SUBSYSTEM/SYSTEM _____

- PEER
- CDR
- PDR
- FDR

COGNIZANT DESIGN ENGINEER _____ DATE OF REVIEW _____

SUBJECT: (CHECK AS APPLICABLE)

- REQUIREMENTS
- ANALYSIS
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- SAFETY
- COST/SCHEDULE
- QUALITY

COMMENT/CONCERN/RECOMMENDATION

Reflections due to gravity loads should be calculated to verify that they are acceptable (VSAZ and PVVS) in all orientations.

ORIGINATOR Reeisen

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 - Paul Goranson

- CONCUR
- DISAGREE
- OTHER

CHAIRPERSON

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:

WBS 12 should include this analysis in the October PDR

SIGNATURE

[Signature]

DATE: 7/8/03

RESPONSIBLE RLM REVIEW

- APPROVE COG DISPOSITION
- DISAPPROVE COG DISPOSITION

SIGNATURE

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER CLOSE-OUT

Sign when action required by disposition is complete.

SIGNATURE _____

DATE: _____

PPPL DESIGN REVIEW CHIT

WP # (ENG-032) CHIT # 4

COMPONENT/SUBSYSTEM/SYSTEM

COGNIZANT DESIGN ENGINEER DATE OF REVIEW

- PEER CDR PDR FDR

SUBJECT: (CHECK AS APPLICABLE)

- REQUIREMENTS ANALYSIS PERFORMANCE HARDWARE CONFIGURATION RELIABILITY/MAINTAINABILITY SAFETY COST/SCHEDULE QUALITY

COMMENT/CONCERN/RECOMMENDATION

Dimensional checks on the PVVS should be checked at the factory and at PPPL to determine if any dimensional changes occur during shipping. (Parsells remark.)

ORIGINATOR Reuser 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. Viola

- CONCUR DISAGREE OTHER

CHAIRPERSON

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:

update job 1202 to add PVVS receipt QA

SIGNATURE

[Signature]

DATE: 7/8/03

RESPONSIBLE RLM REVIEW

- APPROVE COG DISPOSITION DISAPPROVE COG DISPOSITION

SIGNATURE

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER CLOSE-OUT

Sign when action required by disposition is complete.

SIGNATURE

DATE:

PPPL DESIGN REVIEW CHIT

WP # (ENG-032)

CHIT # 5

COMPONENT/SUBSYSTEM/SYSTEM

COGNIZANT DESIGN ENGINEER DATE OF REVIEW

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- ANALYSIS
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- SAFETY
- COST/SCHEDULE
- QUALITY

COMMENT/CONCERN/RECOMMENDATION

Internally, the project should develop the measurement capability for surface location and port orientation in time to be used when the PVVS arrives.

ORIGINATOR *Reeisen*
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 - Paul Goranson

- CONCUR
- DISAGREE
- OTHER

CHAIRPERSON

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER'S RESPONSE/DISPOSITION:

add metrology development requirements and equipment procurements to work plans.

SIGNATURE

[Signature]

DATE: 7/8/03

RESPONSIBLE RLM REVIEW

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- DISAPPROVE COG DISPOSITION

SIGNATURE

[Signature]

DATE: 7/8/03

COGNIZANT DESIGN ENGINEER CLOSE-OUT

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SIGNATURE

DATE: