

# PPPL DESIGN REVIEW CHIT

WP # 2165 (ENG-032)

CHIT # \_\_\_\_\_

COMPONENT/SUBSYSTEM/SYSTEM Massive Gas Injection

- PEER
- CDR
- PDR
- FDR

COGNIZANT DESIGN ENGINEER Nicole Allen DATE OF REVIEW 2/11/16

## SUBJECT: (CHECK AS APPLICABLE)

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

## COMMENT/CONCERN/RECOMMENDATION

Make sure the Cap ground lead is visible for entire length.

ORIGINATOR JEL

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.)

0 CONCUR

0 DISAGREE

0 CHAIRPERSON \_\_\_\_\_ DATE: \_\_\_\_\_

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|                                       |  | <input type="checkbox"/> QUALITY               |

## COMMENT/CONCERN/RECOMMENDATION

*Please identify, and include in IP, any AC power work. This can be very time consuming.*

ORIGINATOR

*Steven Gerhardt*

NAME/ORGANIZATION

*Physics*

## REVIEW BOARD COMMENT/RECOMMENDATION

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0 CONCUR

0 DISAGREE

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|                                       |  | <input type="checkbox"/> QUALITY               |

## COMMENT/CONCERN/RECOMMENDATION

*Please remove names of specific engineers from drawings,  
for instance B-EA3531*

ORIGINATOR *Stefan Gerhardt*

NAME/ORGANIZATION *Physics*

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0 CONCUR

0 DISAGREE

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DATE: \_\_\_\_\_

# PPPL DESIGN REVIEW CHIT

WP # 2165 (ENG-032)

CHIT # \_\_\_\_\_

COMPONENT/SUBSYSTEM/SYSTEM ~~Massive Gas Injection~~ *MGI electrical*

COGNIZANT DESIGN ENGINEER ~~Nicole Allen~~ DATE OF REVIEW *2/11/16*

- PEER
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## SUBJECT: (CHECK AS APPLICABLE)

- REQUIREMENTS
- ANALYSIS
- PERFORMANCE

- HARDWARE
- CONFIGURATION
- RELIABILITY/MAINTAINABILITY

- SAFETY
- SECURITY & SAFEGUARDS
- COST/SCHEDULE
- QUALITY

## COMMENT/CONCERN/RECOMMENDATION

*Consider adding a capacitor (of the correct value) between the shield and rack*

ORIGINATOR *Sheila Gerhardt*  
NAME/ORGANIZATION *Physocs*

## REVIEW BOARD COMMENT/RECOMMENDATION

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- 0 CONCUR
- 0 DISAGREE
- 0 CHAIRPERSON \_\_\_\_\_

DATE: \_\_\_\_\_

# PPPL DESIGN REVIEW CHIT

CHIT # \_\_\_\_\_

COMPONENT/SUBSYSTEM/SYSTEM: ~~DEMAND FLOW AND BAS UPGRADE~~

- PEER
- CDR
- PDR
- FDR

COGNIZANT DESIGN ENGINEER R. H. Carnevale DATE OF REVIEW 11/03/2015

### SUBJECT: (CHECK AS APPLICABLE)

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|                                       |  | <input type="checkbox"/> QUALITY               |

### COMMENT/CONCERN/RECOMMENDATION

*Assess status of parts & materials for the upcoming maintenance periods,  
Order materials ASAP.*

ORIGINATOR *Shelby Gerhardt*  
NAME/ORGANIZATION *Physics*

### REVIEW BOARD COMMENT/RECOMMENDATION

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COGNIZANT DESIGN ENGINEER Nicole Allen DATE OF REVIEW 2/11/16

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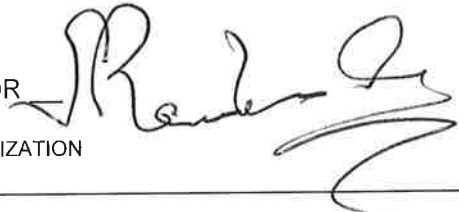
- |                                       |  |  |
|---------------------------------------|--|--|
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|                                       |  | <input type="checkbox"/> QUALITY               |

**COMMENT/CONCERN/RECOMMENDATION**

*While saying it is better to ground (stick) both terminals of the cap (since there is a series resistor to ground)*

ORIGINATOR

NAME/ORGANIZATION



**REVIEW BOARD COMMENT/RECOMMENDATION**

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## COMMENT/CONCERN/RECOMMENDATION

Consider adding monitoring of one or multiple of the door switches directly with the compact ~~P~~10 for fault analysis

ORIGINATOR \_\_\_\_\_

NAME/ORGANIZATION

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CONCUR

DISAGREE

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