



# ENG-033 - PEERDRS - PEER REVIEW SUMMARY

## Peer Review Summary for the PF-4/5 Coil Realignment III

*NSTXU\_1-1-3-1\_PEERDRS\_101*

Work Planning #:

Effective Date:

Prepared By:

**02/12/2020**

**Steve Raftopoulos**

Approved By

Kathleen Lukazik, Preparer

02/12/2020  
18:43:59 PM

Title: PF-45 Coil Realignment Peer Review III

CAT: ☒ A1 ☐ A2 ☐ A3

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

Cognizant Individual: Chris Pagano Date of Review: 2/5/2020

Review Board Members:	Invited Attendees:	Other Attendees:
Chairperson: <u>Steve Raftopoulos</u>	<u>Brereton, Gifford, Khodak,</u>	_____
RE: <u>Doug Loesser</u>	<u>Smith, Mitchell, Zhai,</u>	_____
TA ( <i>Mech</i> ) <u>Robert Ellis</u>	<u>Corrigan, Gerhardt, Moore,</u>	_____
TA (____) _____	<u>Safabakhsh, Indelicato, Brooks,</u>	_____
_____	<u>Stevenson, Titus, Hawryluk,</u>	_____
QA: <u>Kevin Cortes</u>	<u>Niemenski, Dugan, Brereton</u>	_____
ESH <u>Haley Wetzel</u>	_____	_____
Regulatory Compliance _____		

Items Reviewed:	Sat.	Unsat.	Comments or n/a if not applicable
Appropriate requirements identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Development plans and schedules	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Reg. compliance incl. USI/USID and NEPA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Disposition of CHITS from previous reviews	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Calculations (all listed are signed and filed)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Cost objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Other review objectives addressed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

**SUMMARY OF RESULTS:**

This Peer Review covered the tooling and process for realignment of the Outer PF-4/5 Coils. This is the last review in a series of reviews that cover all aspects of this task. The presentation covered all required elements. The Scope, requirements and previous chits were discussed. Design of tooling that will be used to enact the realignment was covered. Metrology plan for guiding the realignment and verifying the final position meets requirements was covered. The presenters also addressed FMECA, risks & risk mitigation, SAD-ASE concerns, costs/labor and schedule aspects and field procedures. Five chits were written against this review, none of significant impact.

Disposition: [check one]

       Acceptable

XX Acceptable pending resolution of concerns- CHITS identified above must be resolved prior to installation.

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

       Unsuccessful - Corrective actions must be taken and another review process must be initiated.

Design Review Chair Person \_\_\_\_\_ Date: \_\_\_\_\_

Cognizant Individual Acceptance \_\_\_\_\_ Date: \_\_\_\_\_

**Distribution:** Review Board Members, Operations Center, Responsible Engineer (RE), Cognizant Individuals, Project Manager, Project Director, relevant Technical Authorities (TAs), Chief Engineer (CE), Fire Protection Engineering, Attendees, QA, ES&H, Security, Requesting & Performing Dept Head