

## Design Approval Form

Page 1 of 1

DESIGN REVIEW DOCUMENTATION – RESULTSTitle: PF 4/5 AlignmentWP#: 3020

(ENG-032)

CAT: ☒ A1 ☐ A2 ☐ A3Type of Review: ☐ Peer ☐ CDR ☒ PDR ☐ FDRCognizant Individual: Chris PaganoDate of Review: 7/1019**Review Board Members:**Chairperson: M. ViolaRE (Magnets): S. RaftopoulosRE (VVIH): D. LoesserTA (Mechanical): R. EllisQA: A. CastanedaESH: W. SlavinNSTXU PE: S. Gerhardt (acting)Regulatory Compliance: W. Slavin**Invited Attendees:**P. DuganS. GiffordA. JariwalaJ. MitchellA. KhodakK. CorriganW. GattoniP. TitusJ. Winston**Other Attendees:**S. Weidner**Items Reviewed:**

Sat.

Unsat.

Comments or n/a if not applicable

Appropriate requirements identified

☒☐

Development plans and schedules

☒☐

Reg. compliance incl. USI/USID and NEPA

☒☐

Disposition of CHITS from previous reviews

☒☐There were 23 new chits generated.

Cost objectives

☒☐

Other review objectives addressed

☒☐**SUMMARY OF RESULTS:**

This review was presented as an FDR but downgraded to a PDR. There was discussion about the analysis not including all loading factors and about the assembly sequence affected by using a wet layup. The wet layup sequence could change the clamp configuration. It was determined that further analysis is needed, field locations needed to be checked, and the assembly drawings needed to be completed. Field location accessibility could require relocation of the clamps which could affect the load analysis.

**Disposition:** [check one]☐ **Acceptable**☒ **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.

Responsible Engineer (Magnets): \_\_\_\_\_ Date: \_\_\_\_\_

Responsible Engineer (VVIH): \_\_\_\_\_ Date: \_\_\_\_\_

DRC Concurrence \_\_\_\_\_ Date: \_\_\_\_\_

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