

Microsoft Excel - CHIT-AuditFinding_Trackinglog_1-RTS.xls										
Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]										
	A	B	C	D	E	F	G	H	I	J
	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]	10/15/2004	3	Chrzanowski, Jim	Reiersen	Provide schedule for demonstrating measurement capability required for TRC winding. TRC not even measured yet.		During the real time measuring of a layer [that will be performed (3) times during	COMPLETED Approved by Larry Dudek	
1	Review/QA Audit #	Date of Review or Audit	Chit/Audit Finding	Person Responsible for Resolution	RLM	Chit/Audit Summary	Project Disposition	Status	Due Date	
	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]	10/15/2004	3	Chrzanowski, Jim	Reiersen	Provide schedule for demonstrating measurement capability required for TRC winding. TRC not even measured yet.		During the real time measuring of a layer [that will be performed (3) times during winding], it adds an additional 3-4 hours to the winding time per measurement series.	COMPLETED Approved by Larry Dudek	
2	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]	10/15/2004	5	Chrzanowski, Jim	Reiersen	Need to figure out how to dissect coil w/o losing registration of winding to tee. Consideration should be given to more exotic, non-destructive options.		The winding clamps will remain on the coil/casting during the cutting operations. This should help to restrain the bundle to tee registration during dissection.	COMPLETED Approved by Larry Dudek	
3	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]	10/15/2004	6	Chrzanowski, Jim	Reiersen	Consider winding a complete coil to establish shimming requirements. Then rewind the coil using differences in clamping pressure to control boundary.		Agree. The TRC trial winding was completed. Evaluation of results will determine whether or not trial windings will be performed for types A, B and C.	COMPLETED Approved by Larry Dudek	
4	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Reiersen]	10/15/2004	7	Chrzanowski, Jim	Reiersen	Resolve whether the relief gets filled with RTV or Flowing. (Flowing would mechanically lock the winding which may not be good).		The TRC grooves were sealed with "Thenozeal" caulking. This caulking will prevent the epoxy from locking the winding. The groove has been eliminated on Type A,B,C castings.	COMPLETED Approved by Larry Dudek	
5	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Levine]	10/15/2004	8	Chrzanowski, Jim	Reiersen	Lead blocks - it was mentioned during the presentation that this would be made of G10 or G11. For production coil, since G10 tends to become neutron-activated cause "hot spots" [Doe commend use of G11, not G10. Similarly for any other proposed uses of G		All of the lead fillers for the production coils will be fabricated using G-11.	COMPLETED Approved by Larry Dudek	
6	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Dudek]	10/15/2004	9	Chrzanowski, Jim	Reiersen	Need to qualify the sil-foil carbon tong Braze procedure or write an exception.		Process has been qualified and is now a part of the PPPL welding/brazing procedure.	COMPLETED Approved by Larry Dudek	
7	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson Chit Author [Stratton]	10/15/2004	10	Chrzanowski, Jim	Reiersen	Measure signal in diagnostic flux loops while coil is energized. Check conformity of flux loops after coil fabrication is complete. Verify that center conductors of loop cables will not shorted to ground or other coil structures.		Flux loop leads are provided. Diagnostic group must provide/coordinate instrumentation required to perform such measurements. Diagnostic group should coordinate with Geoff Gettlefinger for possible incorporation in the test plans.	TBD	
8	Twisted Racetrack Coil FDR Cognizant Engineer - Dave Willmanson	10/15/2004	11	Chrzanowski, Jim	Reiersen	The diagnostic flux loops need to be accurate, located (~1/16") at the outer		Investigating the possibility of using simple inexpensive gauge	By 1/30/2005	