

Risk ID	Category / Element	Risk Short Title	Description	Desired Outcome	Current Situation	Proposed Strategy
C00540 □	T2 Design / Eng.	Safety Case and Design Baseline Misalignment	The evolving safety case may drift out of alignment with the engineering design baseline, creating uncertainty over whether the physical plant and the justified plant are still the same thing.	The safety case, design baseline, requirements set, and change records remain aligned and demonstrably traceable throughout the project lifecycle. What Could Go Wrong? Construction or procurement proceeds against a baseline that no longer matches the assumptions in the safety case or key safety submissions.	Major projects often develop design and safety narratives in adjacent teams, and alignment can degrade as changes accumulate.	Maintain explicit traceability between safety claims, requirements, system design, procurement packages, and approved changes; require visible reconciliation at each key maturity gate.

Risk (three-part) Statement			Current Risk			Response Type	Manageability	Residual Risk	Risk Owner	Due Date	Close Date	Last Review Date Notes
Cause	Risk Event [uncertainty]	Consequence	Probability	Impact	Score (PxI)							
Design evolution and safety justification are controlled through partially separate processes.	One or more design changes are incorporated without full safety case reconciliation.	The project faces approval delay, design rework, or loss of confidence in the integrity of its assurance basis.	4	4	16	Mitigate	5	12	Winter, David	07Nov26	Open	24Mar26

Mitigating Actions / Response				
ID	Actions	Action Owner	Due Date	Close Date
#1	Establish MOC system.	Winter, David	23May26	Open
#2	Build safety case into the Concerns Action Tracking System.	Winter, David	23May26	Open

Last 10 RM Events (Meetings/Interviews/Workshops).

Mtg.	Date	Title / Person / Department	Objective	(0 Events held.)

Comments

History

Top Risk	Summary	Top Risk Mitigation
Safety Case and Design Baseline Misalignment		Maintain explicit traceability between safety claims, requirements, system design, procurement packages, and approved changes; require visible reconciliation at each key maturity gate.