Here is the instantiated safety case represented in a hierarchical tree format using dashes for different levels:

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- Goal (G1, Operational safety is verified in GPCA system)

- Context (C1, All specs are given by spec.allInstances())

- Context (C2, Operational hazards are given by operational\_hazard.allInstances())

- Context (C3, All related scenarios are given by operational\_hazard.scenarios.allInstances())

- Strategy (S1, Argument over the satisfaction of all specs over GPCA system)

- Undeveloped

- Goal (G2, All operational hazards are mitigated)

- Context (C2, Operational hazards are given by operational\_hazard.allInstances())

- Strategy (S3, Argument over operational hazards)

- Undeveloped

- Multiplicity (S3, [G3], operational\_hazard.allInstances())

- Goal (G3, Hazard X is mitigated)

- Strategy (S4, Argument over the applied scenarios of Hazard X)

- Context (C3, All related scenarios are given by operational\_hazard.scenarios.allInstances())

- Multiplicity (S4, [G4], operational\_hazard.scenarios.allInstances())

- Goal (G4, Hazard X is mitigated under Scenario A)

- Strategy (S5, Argument over all specs related to Scenario A)

- Context (C4, All related specs are given by scenario.spec.allInstances())

- Multiplicity (S5, [G5], scenario.spec.allInstances())

- Goal (G5, Spec Y is appropriate for Scenario A)

- Strategy (S6, Argument the appropriateness of Spec Y over properties)

- Context (C5, Properties are given by spec.property.allInstances())

- Multiplicity (S6, [G6], spec.property.allInstances())

- Goal (G6, Property Z is appropriate for Spec Y)

- Strategy (S7, Argument over the source of the Property Z definition)

- Context (C6, Source is given by property.source)

- Goal (G7, Source is appropriate and trustworthy)

- Solution (Sn1, Source Document for Property Z)

- Goal (G8, Property Z definition is sufficient)

- Solution (Sn2, Definition Document for Property Z)

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I've instantiated the placeholders with hypothetical specific details for a GPCA system ("Hazard X", "Scenario A", "Spec Y", and "Property Z") to demonstrate the process. The structure and connections between elements remain similar to the given pattern. Strategies and goals that are marked as undeveloped remain as such to indicate areas that require further development.