



DISPUTE PACK

Critical Infrastructure - Autonomous Setpoint Change

World: Industrial Autonomy Governance **Outcome:** ALLOW WITH BOUNDS **Evidence Pack ID:** JSP-PUBLIC-20260302-CRITICAL_INF-0001

1. What was claimed / requested

Autonomy system proposes valve setpoint change on a live boiler.

2. What the system allowed vs blocked

Allowed

- Automation proceeds inside explicit bounds.
- Reversible mitigations permitted.
- Escalation wired if confidence drops.

Blocked

- Any irreversible action outside bounds.
- Any execution without required evidence or authority.

3. Why (governance rationale)

Judgement Spine governs the actuation boundary. It enforces two-person confirmation, sensor agreement, and kill-switch readiness. Allows only inside a safety contract; divergence triggers safe degrade automatically.

This pack is designed to survive dispute: it links decision, authority, bounds, and integrity in one exportable object.

Evidence references

4. Evidence signals

- controller_command
- sensor_agreement_score
- operator_a
- operator_b
- kill_switch_state
- environmental_constraints

5. Evidence artefacts in this bundle

policy_trace.ndjson	Which doctrine checks fired and why.
audit_export.ndjson	Execution-time event record.
provenance_chain.json	Illustrative provenance and chain integrity.
authority_contract.json	Named authority + bounds contract.
manifest.json + signature	Integrity references (tamper-evident).

6. Integrity verification

Run `verify_manifest.py` from the root folder and retain the output as part of the dispute file.

If the hashes and signature verify, the pack is unmodified since it was sealed.

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