1

01 Readiness and operating boundary

Before isolation, reconcile the complete label with the controlled equipment record and capture the as-found installation.

Capture the installed identity

Confirm the IS200TTURH1B revision, VTUR processor and installed primary-trip-board arrangement.

Model	IS200TTURH1B
Platform	Mark VI
Function	Primary turbine-protection input terminal board

Prove the work boundary

Record every magnetic pickup, PT, shaft-monitoring and breaker-related terminal before isolation.

Identity	IS200TTURH1B
Host	Mark VI Primary Turbine Protection
Acceptance	Isolation and label record

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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IS200TTURH1B

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02 Configuration and interface setup

Translate the retained evidence into a point-by-point map of connections, position and configuration.

Build the channel map

Capture the simplex or TMR cable map, including each JR, JS and JT connector used by the position.

Platform	Mark VI
Function	Primary turbine-protection input terminal board
Associated processor	VTUR

Classify every field circuit

Place the turbine and generator-breaker circuits in the approved maintenance state.

Identity	IS200TTURH1B
Host	Mark VI Primary Turbine Protection
Acceptance	Channel map approved

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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03 Installation and service sequence

Install the exact hardware and restore every electrical, mechanical and communication interface.

Restore the physical assembly

Protect keyed connectors, terminal-block labels and chassis-ground shield terminations during handling.

Function	Primary turbine-protection input terminal board
Associated processor	VTUR
Speed inputs	Passive magnetic pickup circuits

Apply controlled settings

Restore pickup polarity, PT phase, shaft circuits, jumpers and relay wiring exactly as documented.

Identity	IS200TTURH1B
Host	Mark VI Primary Turbine Protection
Acceptance	Assembly and settings restored

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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04 Verification and fault isolation

Energize under controlled conditions and review the available device and host diagnostics.

Observe supervised states

Review VTUR diagnostics, measured speed, PT values and synchronization permissives after energization.

Associated processor	VTUR
Speed inputs	Passive magnetic pickup circuits
Voltage inputs	Generator and bus PT circuits

Exercise fault indications

Perform the controlled primary-trip and synchronization checks before service handover.

Identity	IS200TTURH1B
Host	Mark VI Primary Turbine Protection
Acceptance	Supervision response recorded

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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05 Acceptance and service handover

Release the equipment only after identity, installation and functional-test evidence agree.

Compile the acceptance package

Retain the as-left diagnostic state and test result.

Model	IS200TTURH1B
Platform	Mark VI
Function	Primary turbine-protection input terminal board

Authorize the handover

Record the responsible release owner and date.

Identity	IS200TTURH1B
Host	Mark VI Primary Turbine Protection
Acceptance	Release evidence complete

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