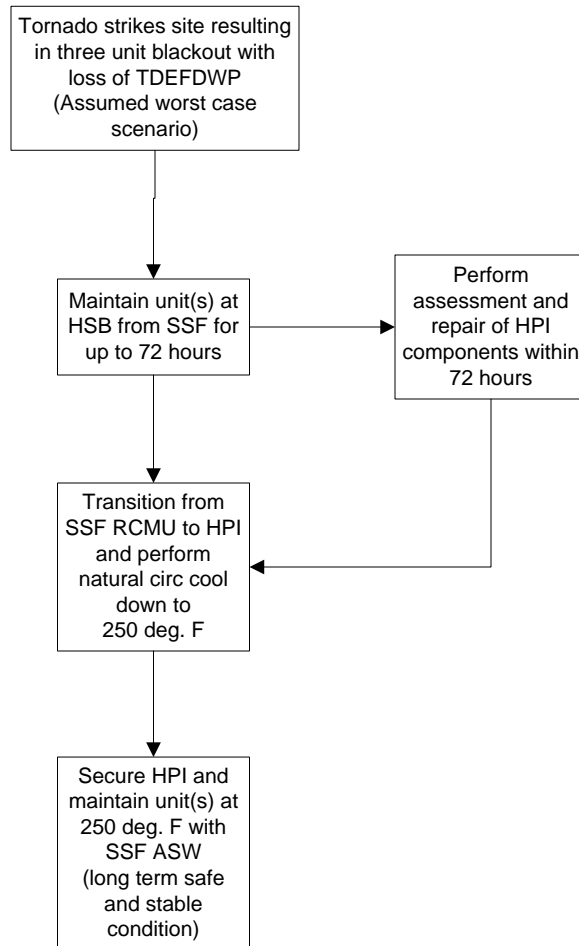


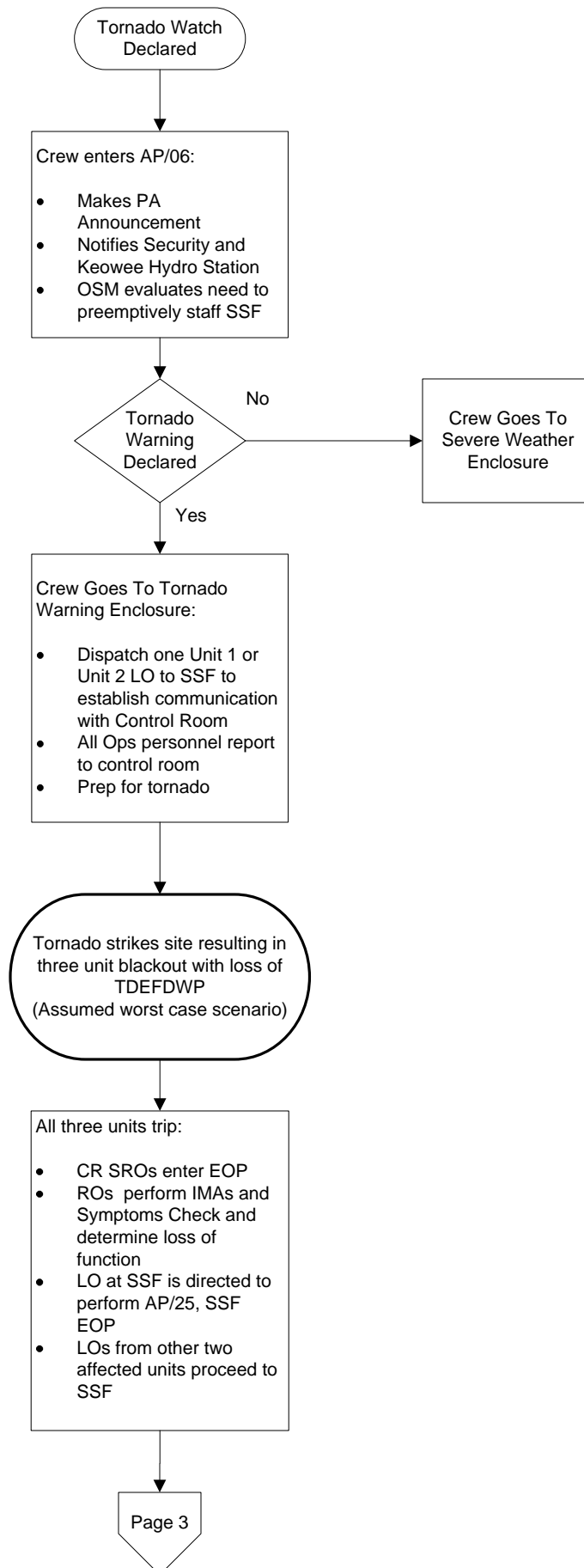
Tornado Event Overview



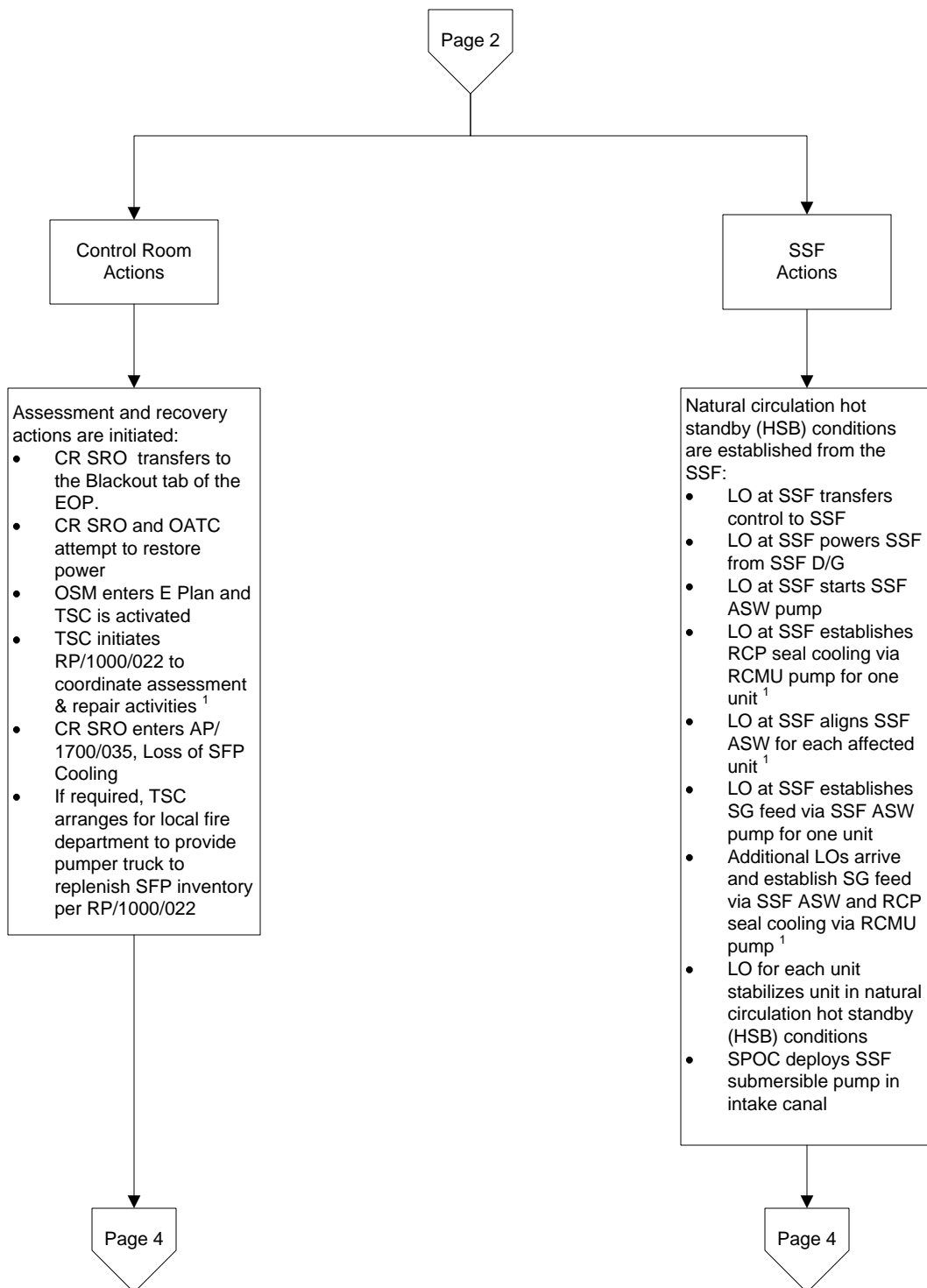
Notes

- All units operating @ 100% prior to event
- Tornado committed plant modifications installed
- Detailed flow charts provided on pages 2 - 5
- Event timeline provided on page 6
- Acronym definitions provided on page 7

Tornado Event Details

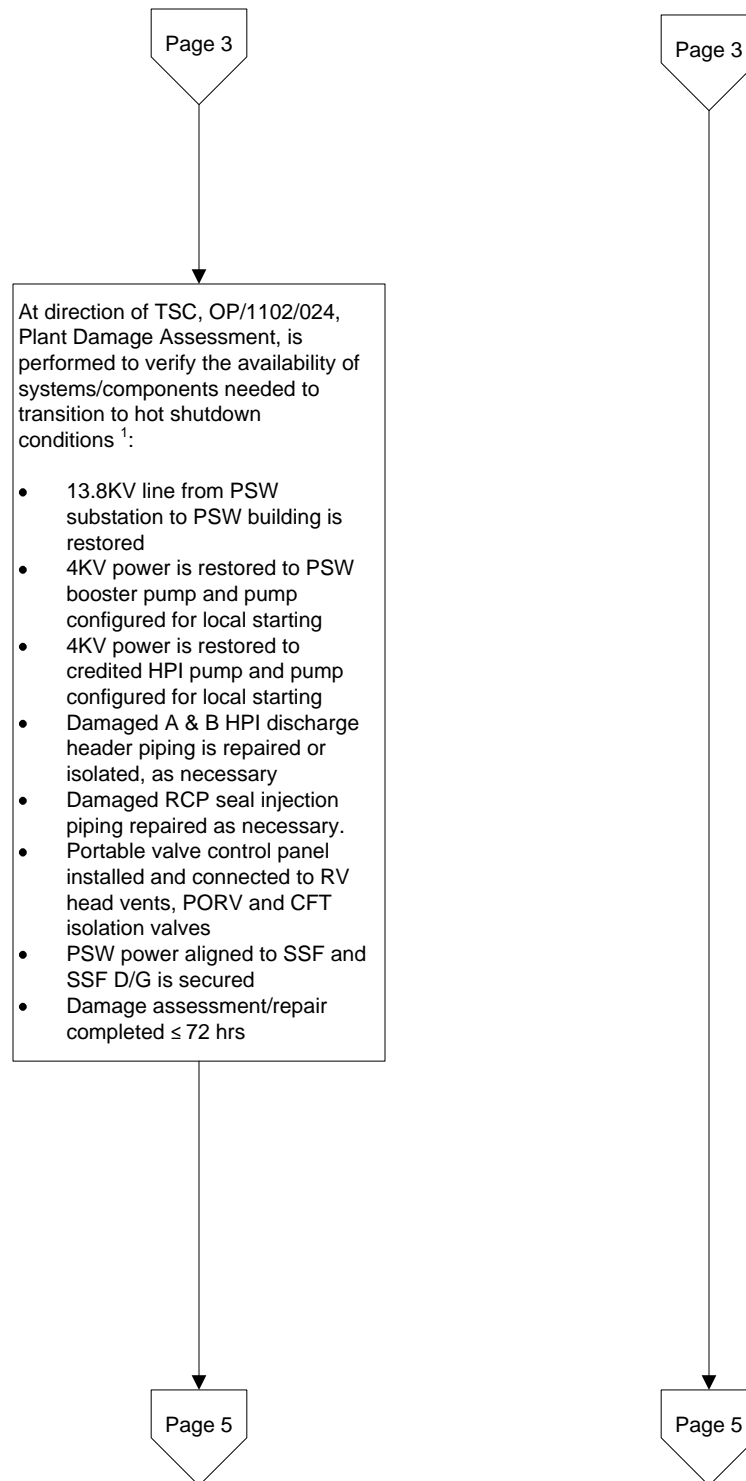


Tornado Event Details



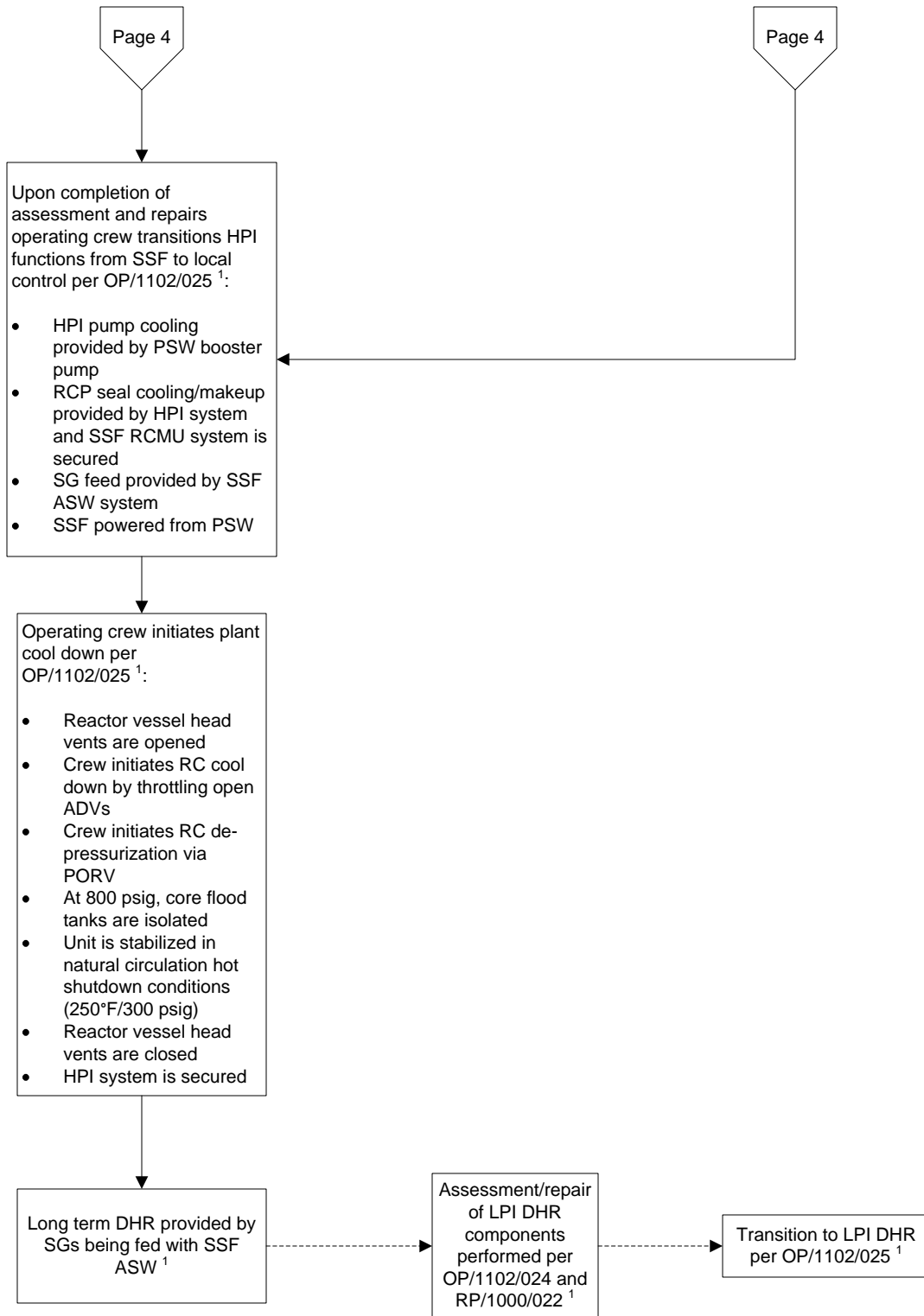
¹ Tornado procedure revision not yet in development.

Tornado Event Details



¹ Tornado procedure revision not yet in development.

Tornado Event Details



¹ Tornado procedure revision not yet in development.

Event Timeline

- T=0, Event Initiation (Loss of Function)
- T=14 min, SSF ASW flow established to SGs*
- T=20 min, SSF RCMU flow established*
- T=75 min, TSC activated
- T=1.75 hrs, Diversion of SSF D/G service water flow to yard initiated*
- T=2.00 hrs, Diversion of SSF D/G service water flow to yard completed*
- T=3hr 20 min, SSF submersible pump deployed*
- T=36 hours, Maximum time to initiate replenishment of SFP
- T=72 hrs, Assessment/repairs needed to transition to hot shutdown completed.
- T=72 hrs, Transition from hot standby to hot shutdown initiated.

* Previously established SSF activation time

Acronyms

- ADV – Atmospheric Dump Valve
- AP – Abnormal Procedure
- ASW – Auxiliary Service Water System
- CFT – Core Flood Tank
- CR SRO – Control Room SRO/Procedure Director
- D/G – Diesel Generator
- DHR – Decay Heat removal
- EOP – Emergency Operating Procedure
- E Plan – Emergency Plan
- HPI – High Pressure Injection System
- HSB – Hot Standby
- IMAs – Immediate Manual Actions
- LO – Licensed RO or SRO
- LPI – Low Pressure Injection System
- OATC – Operator At The Controls Reactor Operator
- OPS – Operations Department
- OSM – Operations Shift Manager
- PA – Public Address
- PORV – Power Operated Relief Valve
- PSW – Protected Service Water System
- RC – Reactor Coolant
- RCMU – Reactor Coolant Make Up System
- RCP – Reactor Coolant Pump
- RO – Reactor Operator
- RP – Response Procedure
- RV – Reactor Vessel
- SG – Steam Generator
- SPOC – Maintenance Single Point of Contact
- SRO – Senior Reactor Operator
- SSF – Standby Shutdown Facility
- TDEFDWP – Turbine Driven Emergency Feedwater Pump
- TSC – Technical Support Center