

Recap of Chernobyl accident causes

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The reactor had a high positive void coefficient at the time of the event

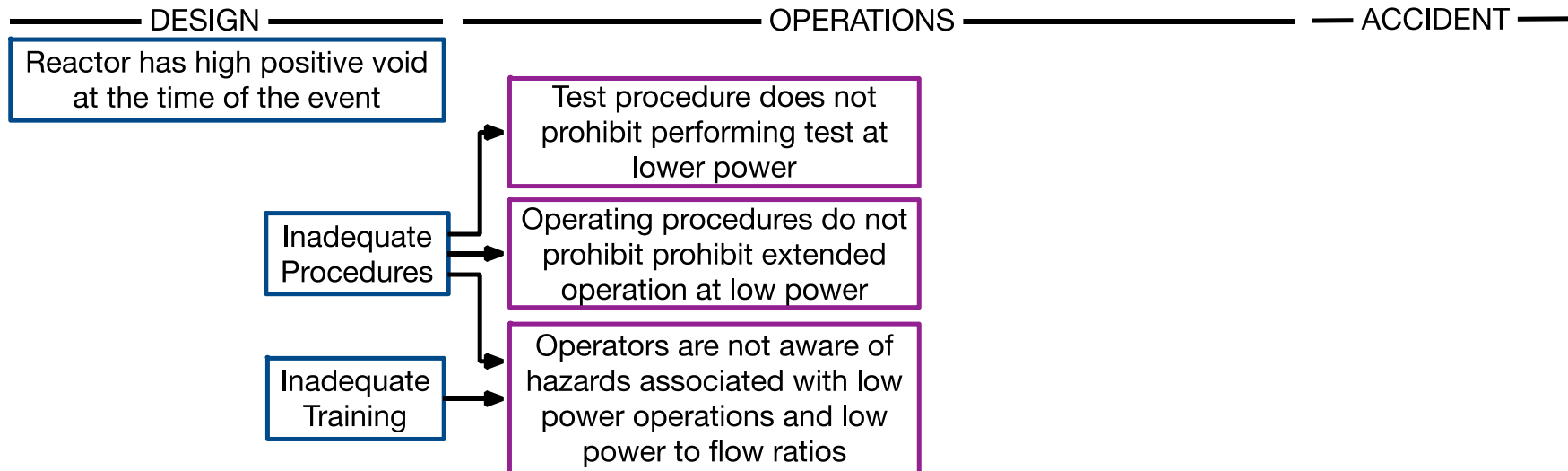
DESIGN

OPERATIONS

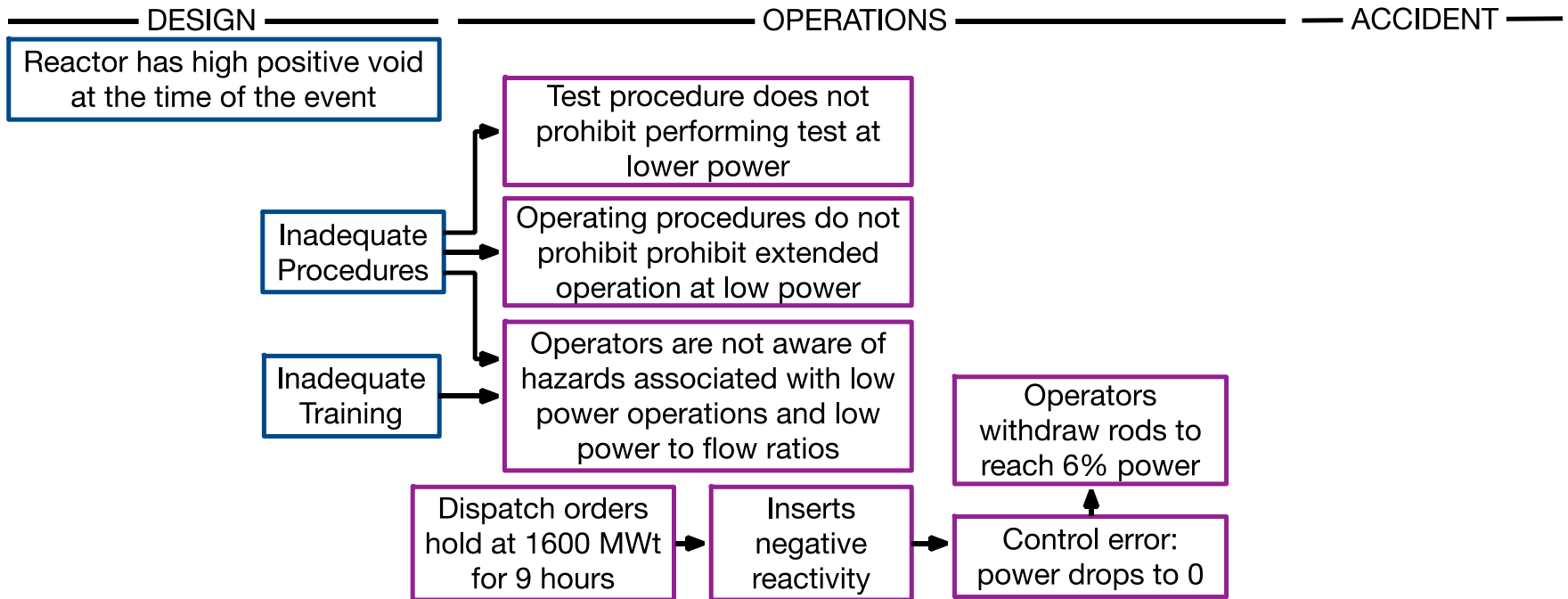
ACCIDENT

Reactor has high positive void
at the time of the event

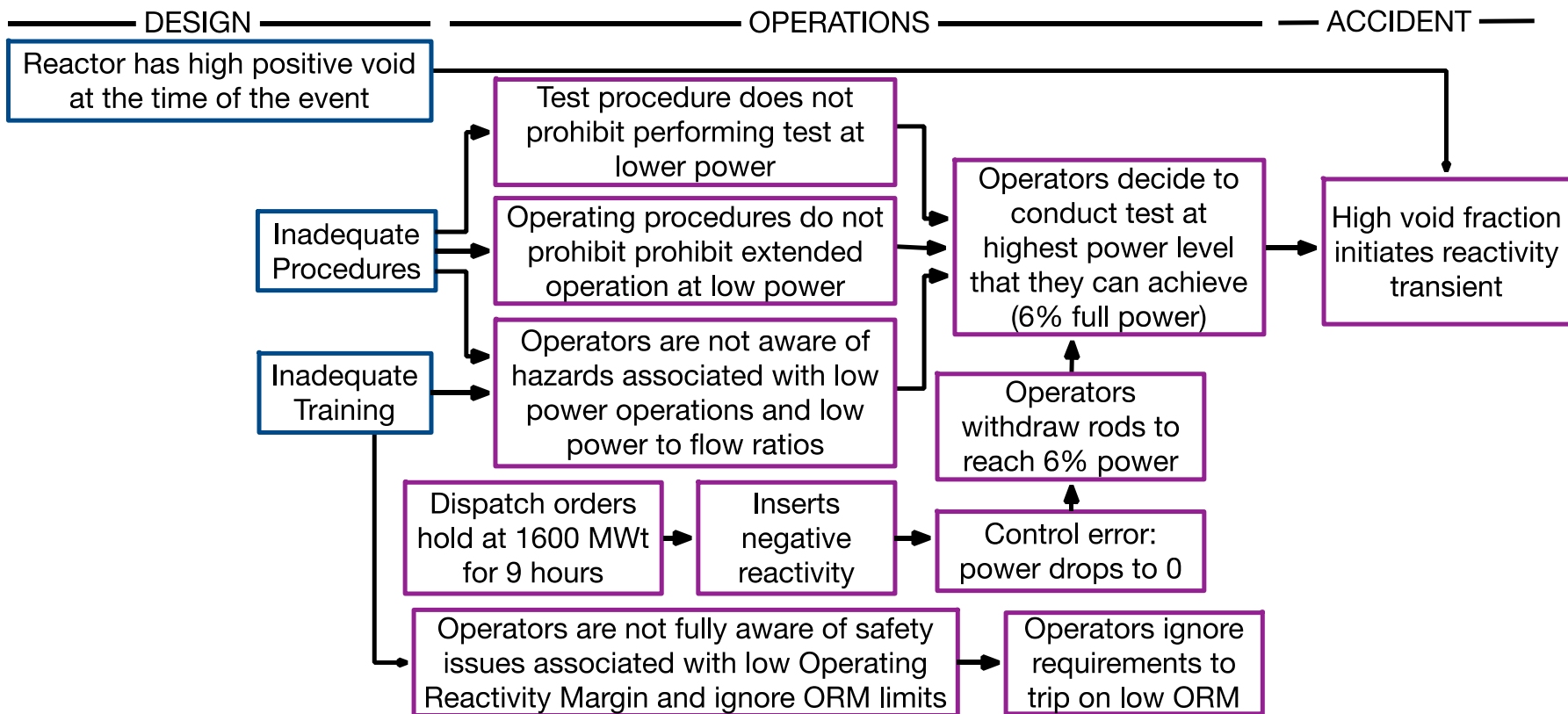
Plant procedures and training did not adequately address low power op's



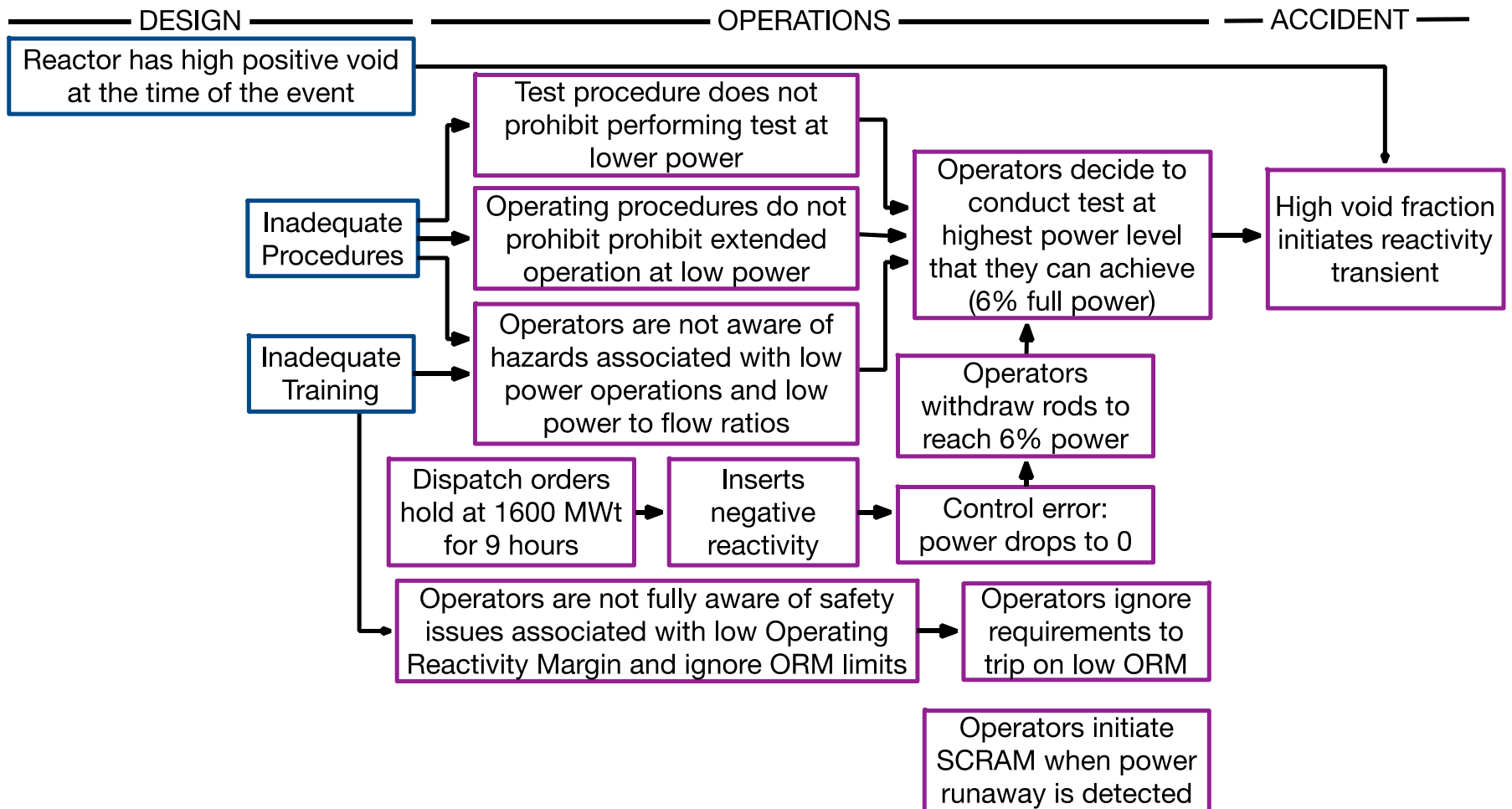
The 9 hour delay at 50% power changed the situation



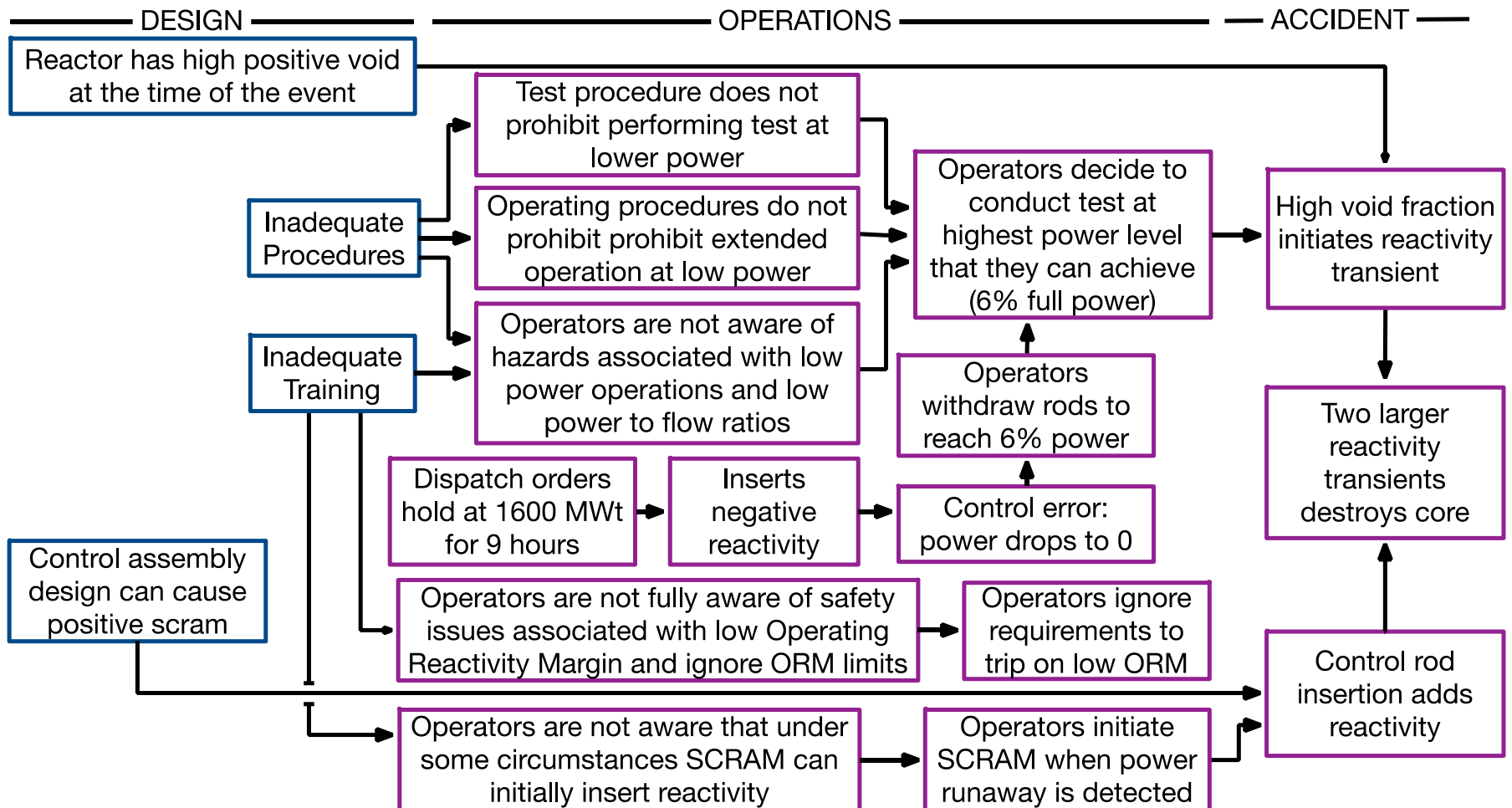
Starting the test caused a reactivity transient



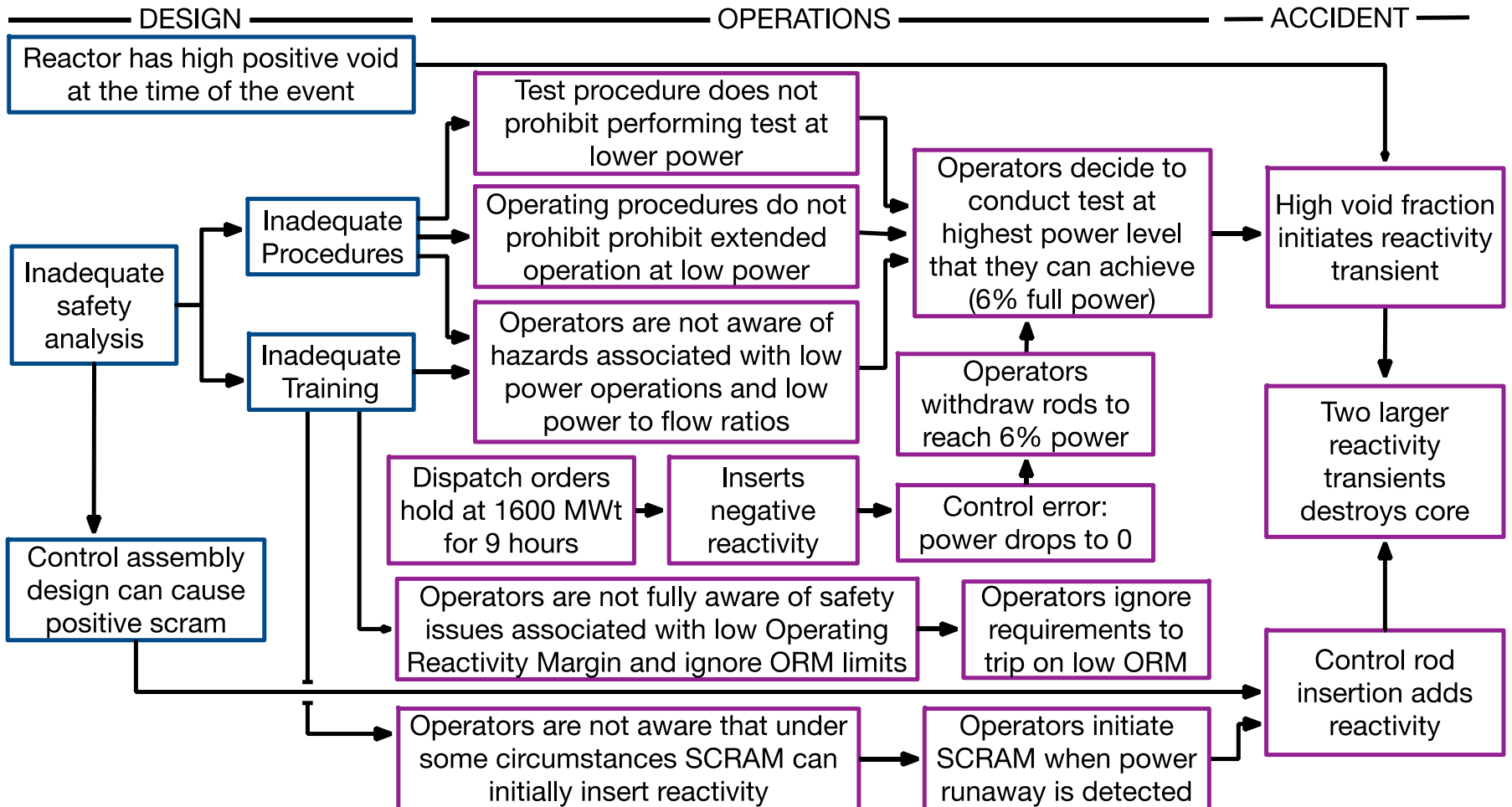
When the operators saw power increase they scammed the reactor



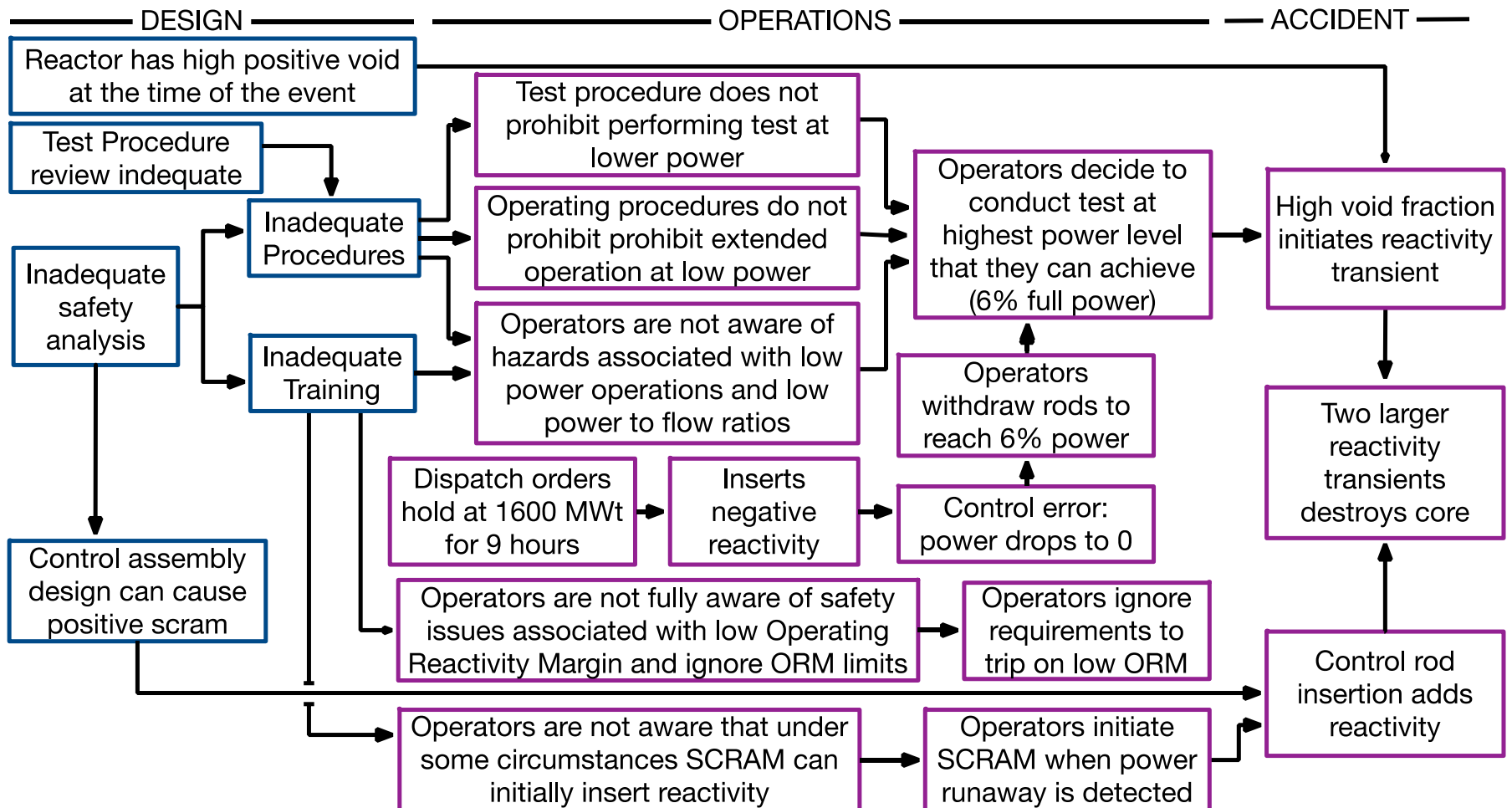
The scram initially inserted more reactivity



The safety analysis was inadequate or not communicated



The test was not reviewed from a nuclear safety perspective



Operating experience from other plants was not communicated

