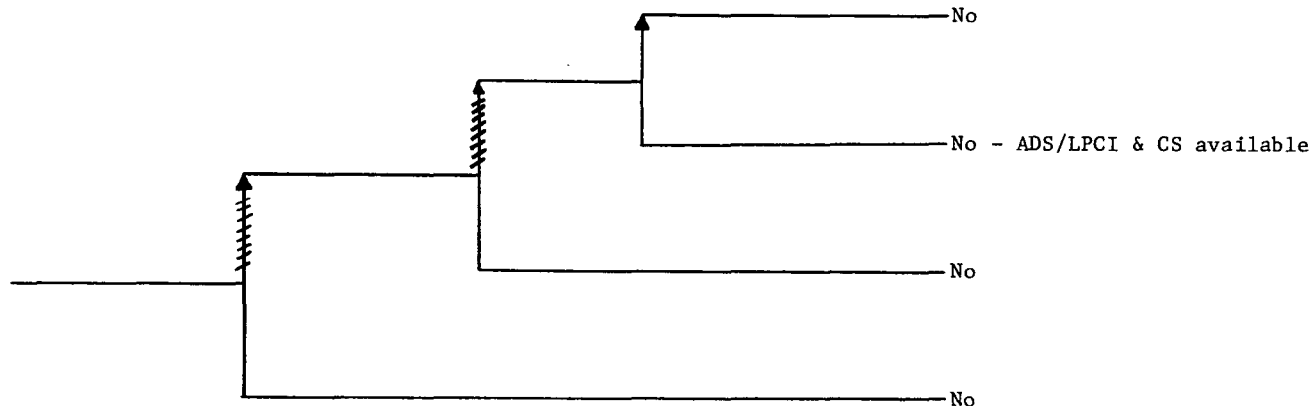


* Unavailabilities are in units of per demand D^{-1} . Failure rates are in units of per hour HR^{-1} .

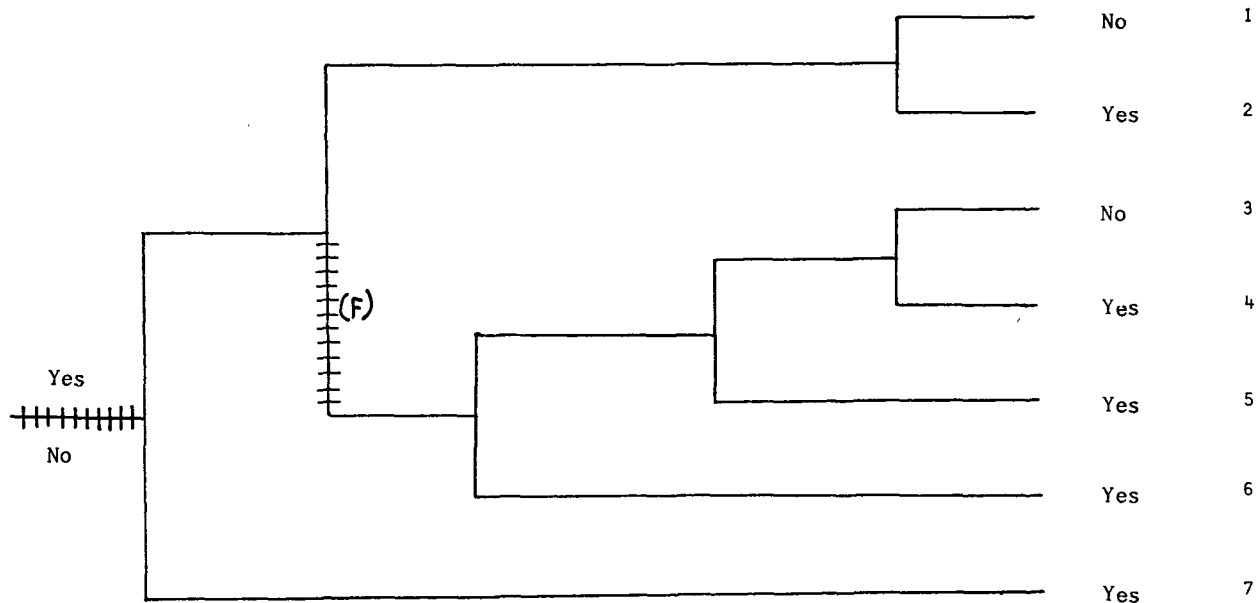
Reactor trip during power accession due to condensate system trip	HPCI failed to initiate on low-low reactor water inventory due to failed turbine stop valve	RCIC system was out of service	Reactor water level controlled by condensate system which had been immediately repaired
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Potential
Severe
Core
Damage



NSIC 149961 - Actual Occurrence for HPCI Fails to Start When Its Turbine Stop Valve Fails to Open at Hatch 2

Loss of Feedwater Flow	Reactor Subcritical	RCIC/HPCI ¹ Response Adequate	Automatic Depressurization System Operates	LPCI or CS Response Adequate	Long Term Core Cooling	Potential Severe Core Damage	Sequence No.
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NSIC 149961 — Sequence of Interest for HPCI Fails to Start When the Turbine Stop Valve Fails to Open at Hatch 2

¹ RCIC was out of service.

CATEGORIZATION OF ACCIDENT SEQUENCE PRECURSORS

NSIC ACCESSION NUMBER: 149961

DATE OF LER: June 11, 1979

DATE OF EVENT: June 3, 1979

SYSTEM INVOLVED: HPCI

COMPONENT INVOLVED: water line, valves

CAUSE: valve improperly closed, leaky water line, (human error)

SEQUENCE OF INTEREST: loss of feedwater flow

ACTUAL OCCURRENCE: HPCI fails to start when turbine stop valve fails to open at Hatch 2

REACTOR NAME: Hatch 2

DOCKET NUMBER: 50-366

REACTOR TYPE: BWR

DESIGN ELECTRICAL RATING: 784 MWe

REACTOR AGE: .9 yr

VENDOR: General Electric

ARCHITECT-ENGINEERS: Southern Services/Bechtel

OPERATORS: Georgia Power Company

LOCATION: 11 miles N of Baxley, Ga.

DURATION: N/A

PLANT OPERATING CONDITION: hot shutdown

SAFETY FEATURE TYPE OF FAILURE: (a) inadequate performance; (b) failed to start;
(c) made inoperable; (d) _____

DISCOVERY METHOD: operational event

COMMENT: -