PRECURSOR DESCRIPTION AND DATA

NSIC Accession Number: 104817

Date: July 29, 1975

Title: All ADS Valves Inadvertantly Opened at Hatch 1

The failure sequence was:

1. The HPCI system was found to be inoperable. This required surveillance on the ADS system.
2. Due to improper use of procedures all the ADS valves were inadvertently opened for 90 seconds.
3. The valves were shut by the operator and RCIC was used to recover the reactor water level.

Corrective action:

1. All relief valve piping was inspected.
2. The procedures were rewritten.

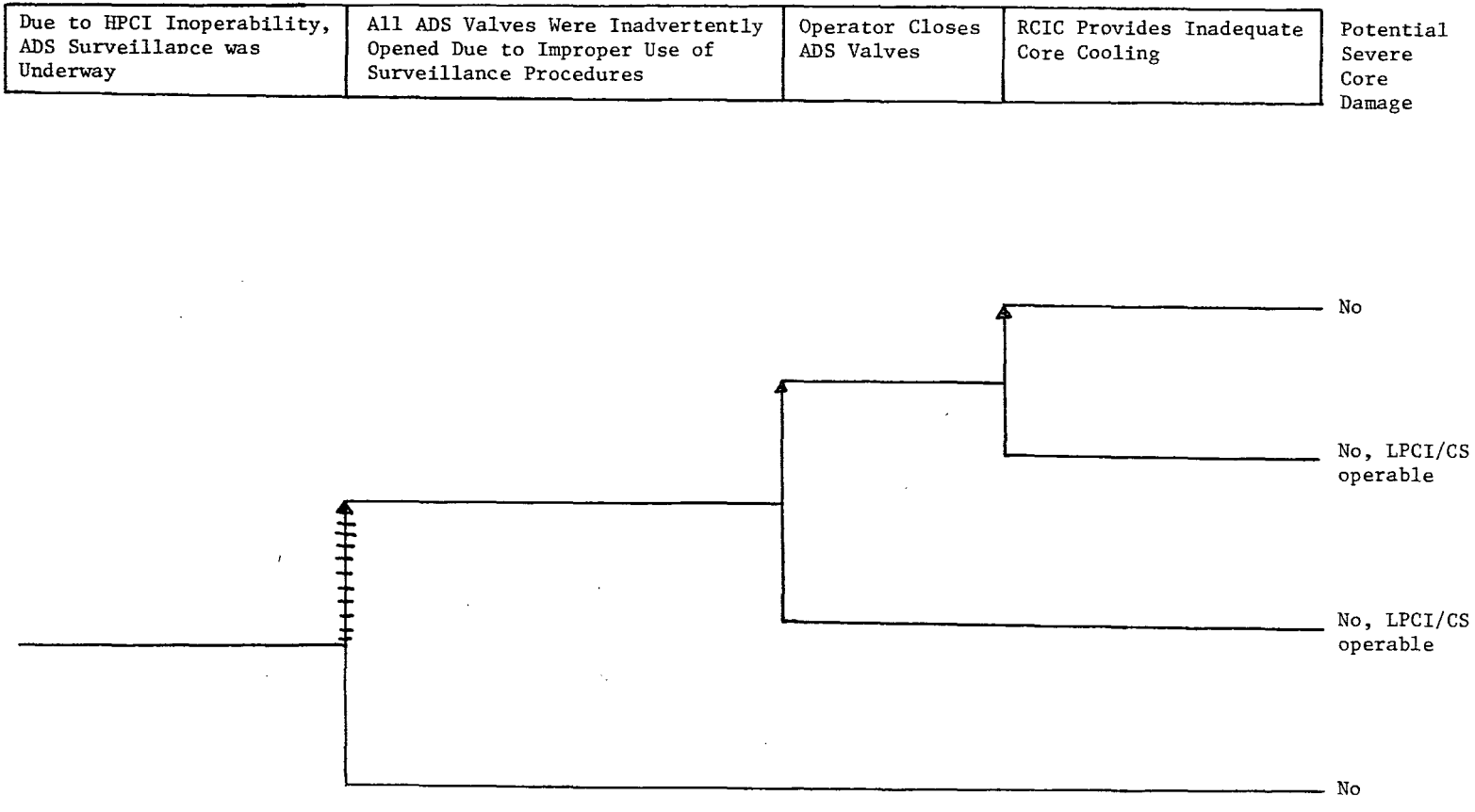
Design purpose of failed system or component:

No component was failed.

Unavailability of system per WASH 1400:* _

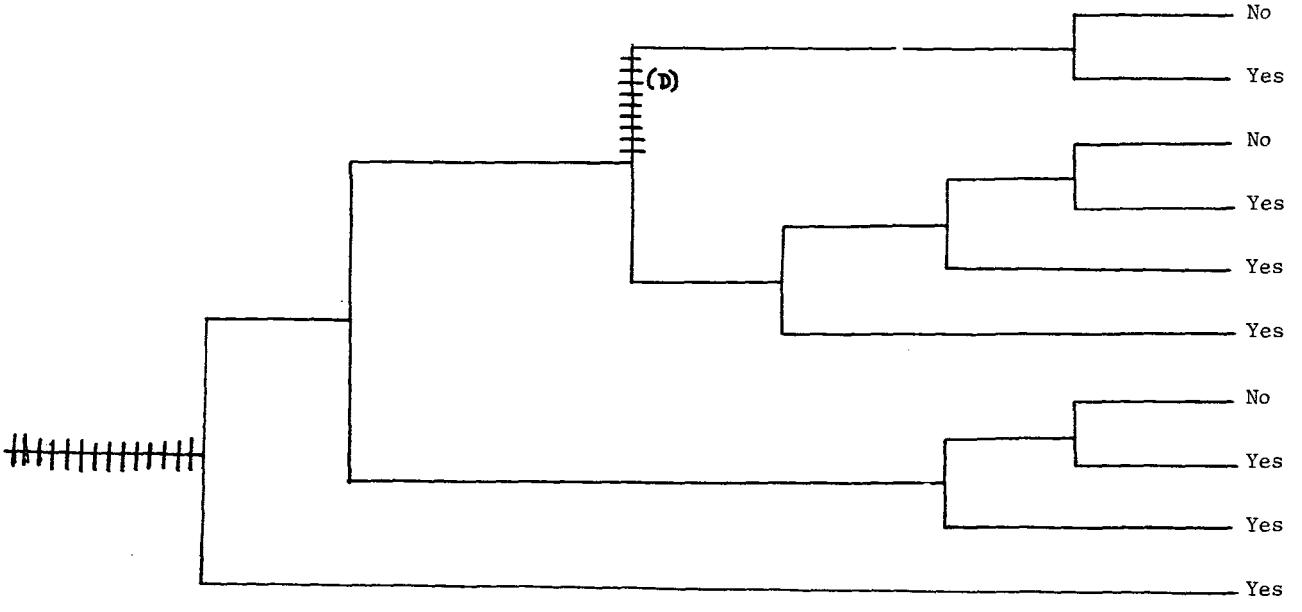
Unavailability of component per WASH 1400:* _

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



NSIC 104817 — Actual Occurrence of All ADS Valves Opened Inadvertently at Hatch 1

Inadvertent ADS Initiation	Reactor Scram	Operator Closes ADS Valves Above LPCI/CS Operating Pressure	RCIC/HPCI Adequate	ADS Valves Success-fully Re-opened	LPCI/CS Success	Long Term Core Cool-ing	Potential Severe Core Damage



NSIC 104817 — Sequence of Interest for all ADS Valves Opened Inadvertently at Hatch 1

CATEGORIZATION OF ACCIDENT SEQUENCE PRECURSORS

NSIC ACCESSION NUMBER: 104817

DATE OF LER: August 8, 1975

DATE OF EVENT: July 29, 1975

SYSTEM INVOLVED: ADS

COMPONENT INVOLVED: Valves

CAUSE: Operator Error

SEQUENCE OF INTEREST: Inadvertent ADS Actuation

ACTUAL OCCURRENCE: All ADS valves inadvertently opened

REACTOR NAME: Hatch 1

DOCKET NUMBER: 50-321

REACTOR TYPE: BWR

DESIGN ELECTRICAL RATING: 777 MWe

REACTOR AGE: 0.96 yr

VENDOR: General Electric

ARCHITECT-ENGINEERS: Southern Services

OPERATORS: Georgia Power

LOCATION: 11 miles North of Baxley, GA

DURATION: N/A

PLANT OPERATING CONDITION: 84% power

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

DISCOVERY METHOD: operator error during surveillance testing

COMMENT: