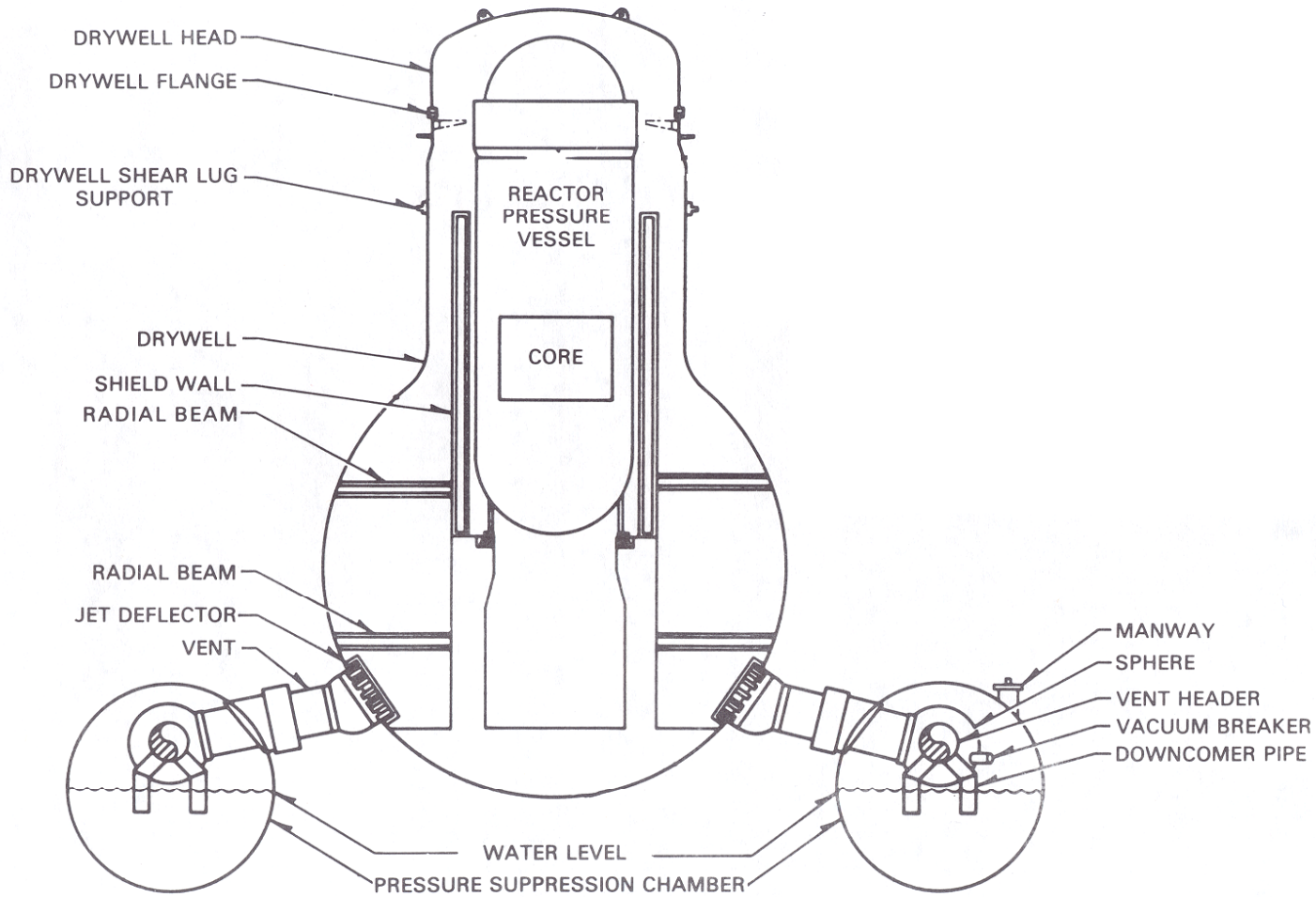
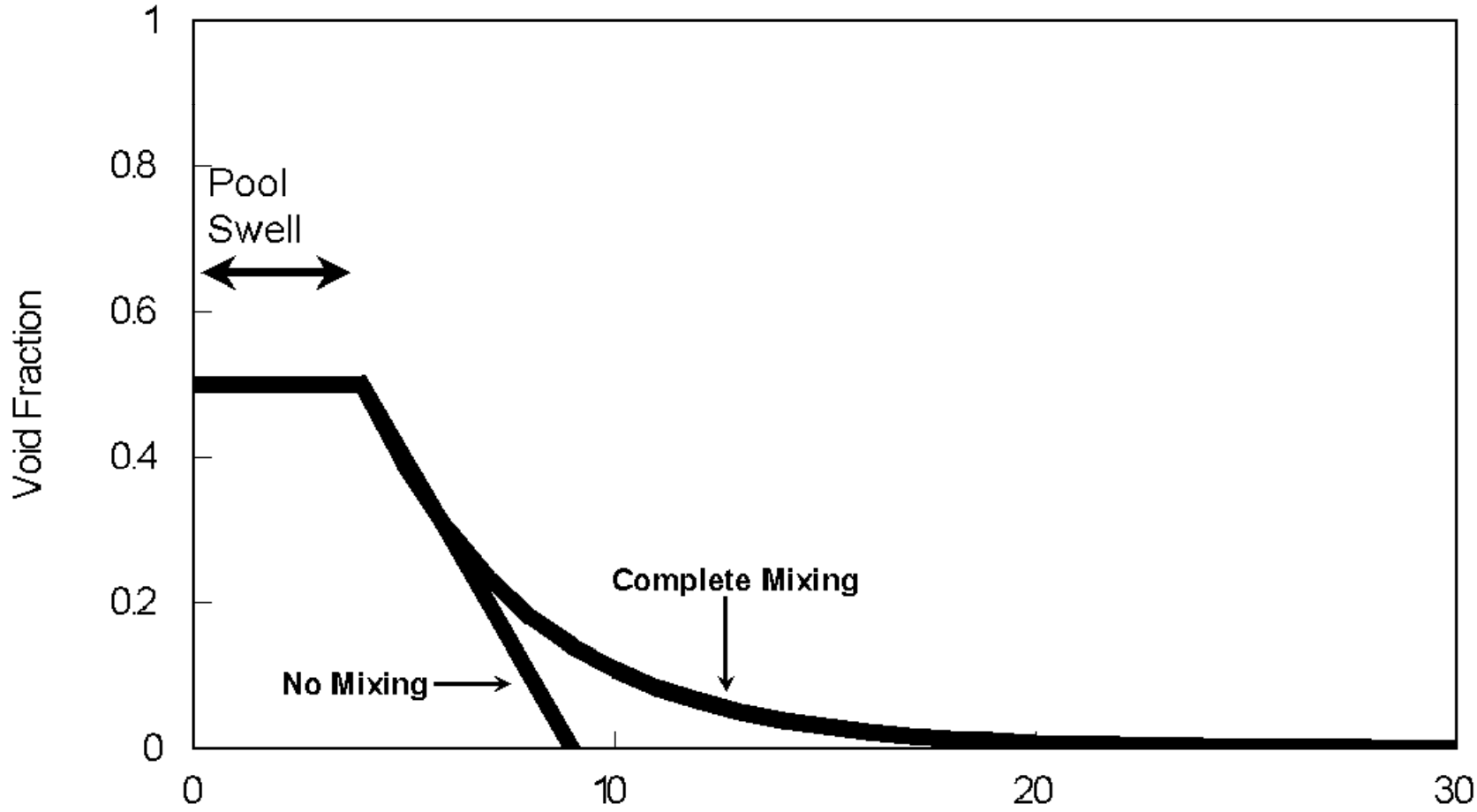
GI-193: BWR ECCS SUCTION CONCERNS

(Example)

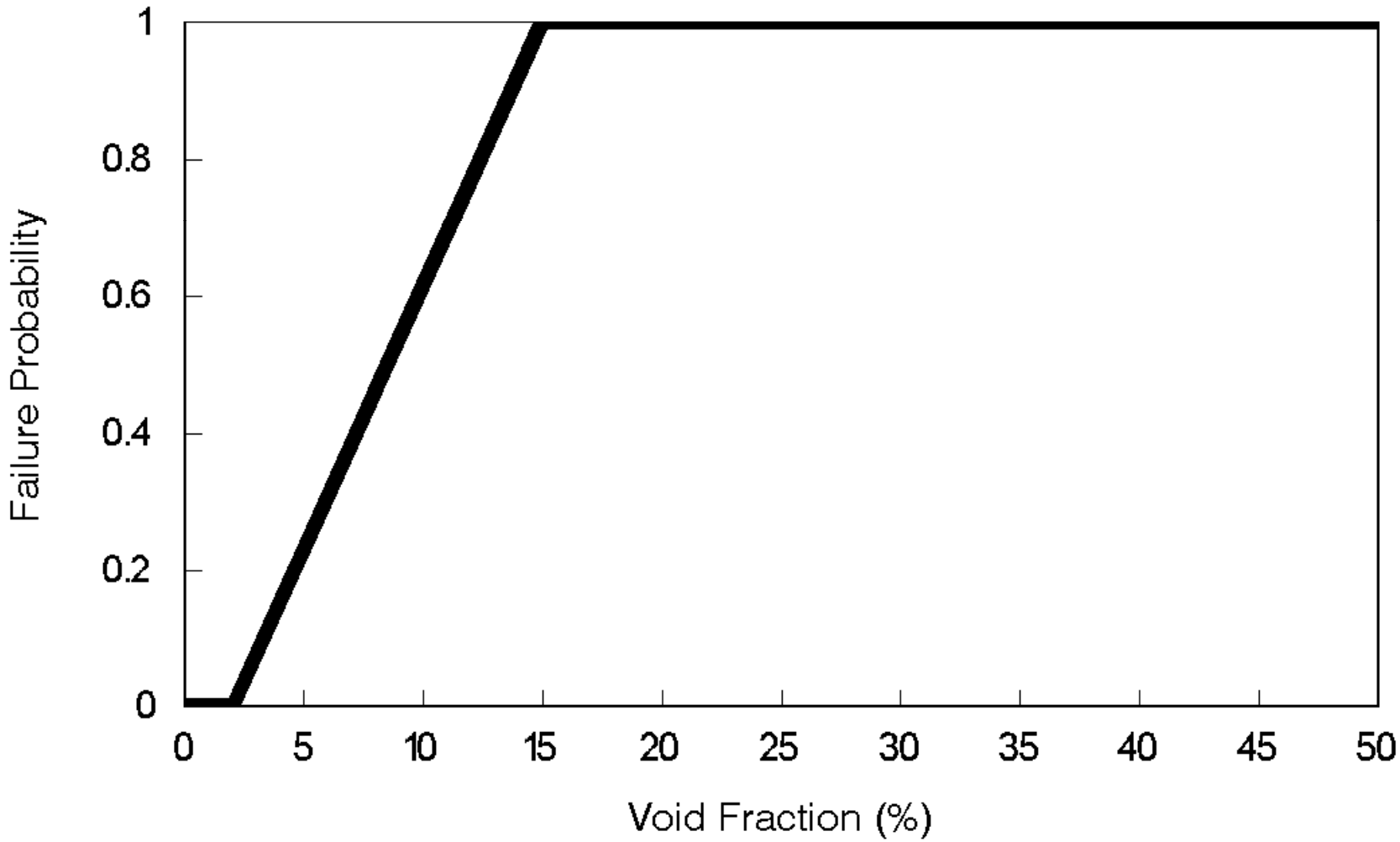
Mark I Containment



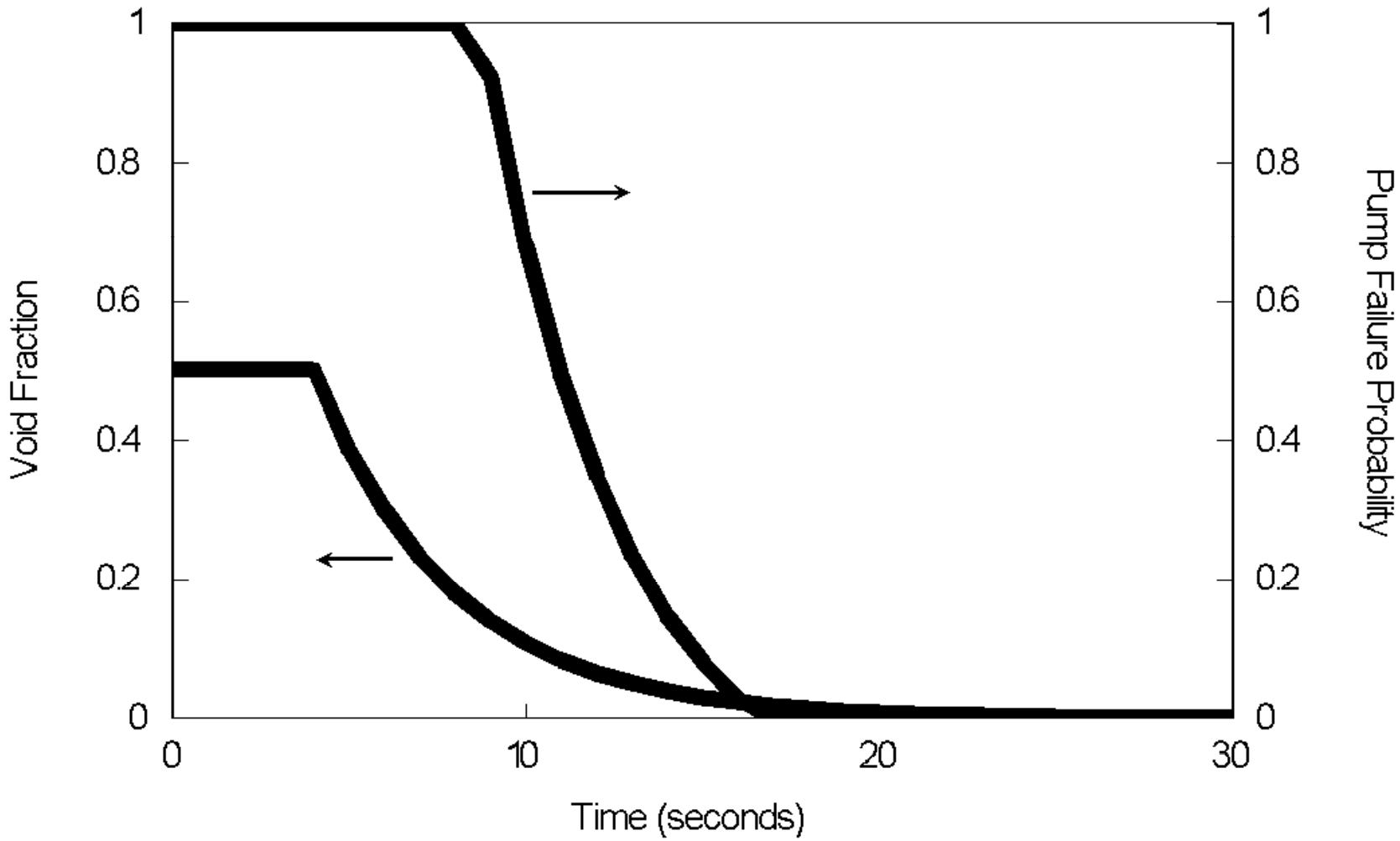
Void Fraction in Pool



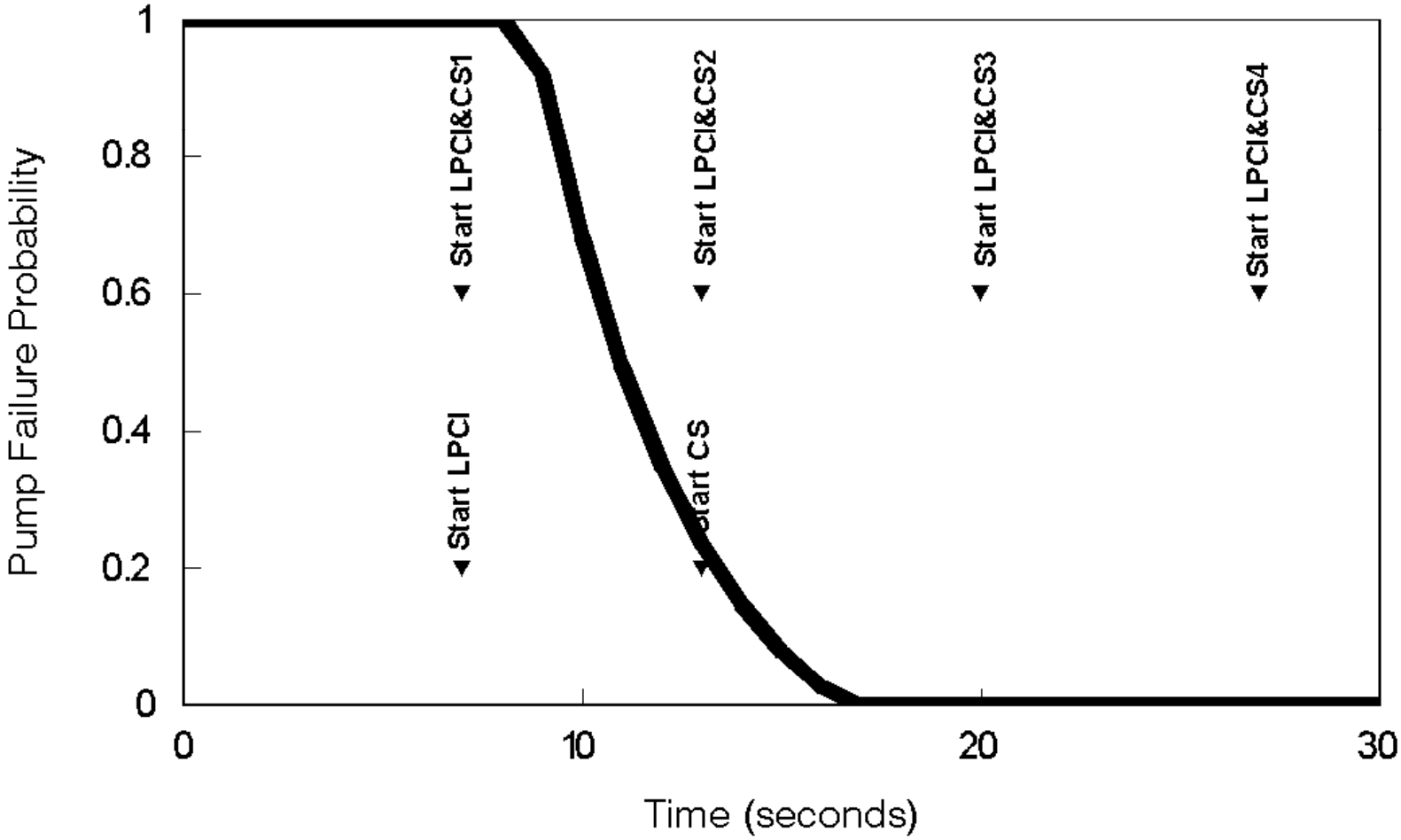
Pump Failure Probability



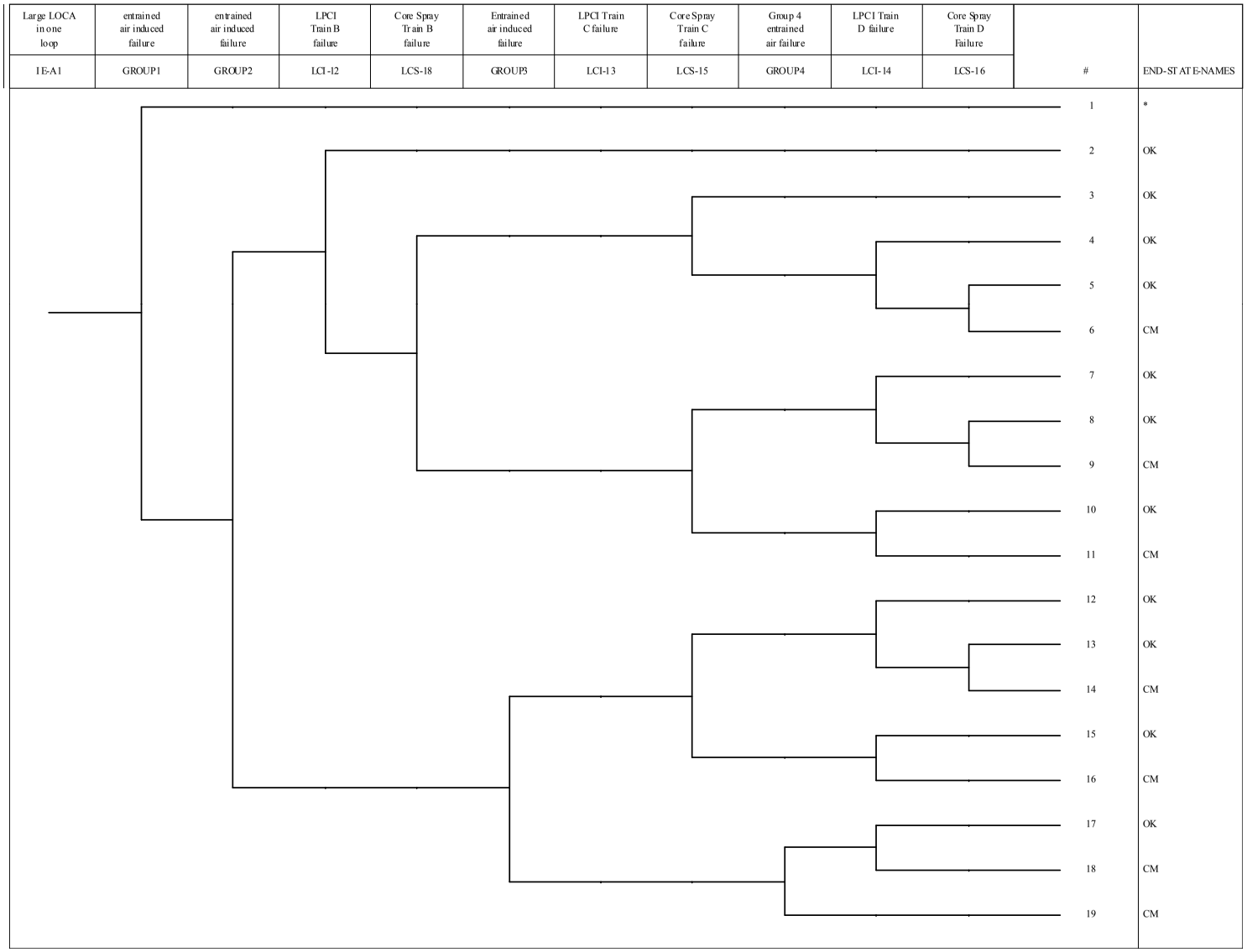
Failure Prob. vs. Time



Sequencing


Pump Failure Probability
1
0.8
0.6
0.4
0.2
0
0
10
20
30
Time (seconds)
Start LPCI
Start LPCI&CS1
Start CS
Start LPCI&CS2
Start LPCI&CS3
Start LPCI&CS4

Event tree (example)



Results

- Passed screening for fast sequencing
- Slow sequencing did not pass
- Issue now starting technical assessment stage