

* TPAC MEMBER

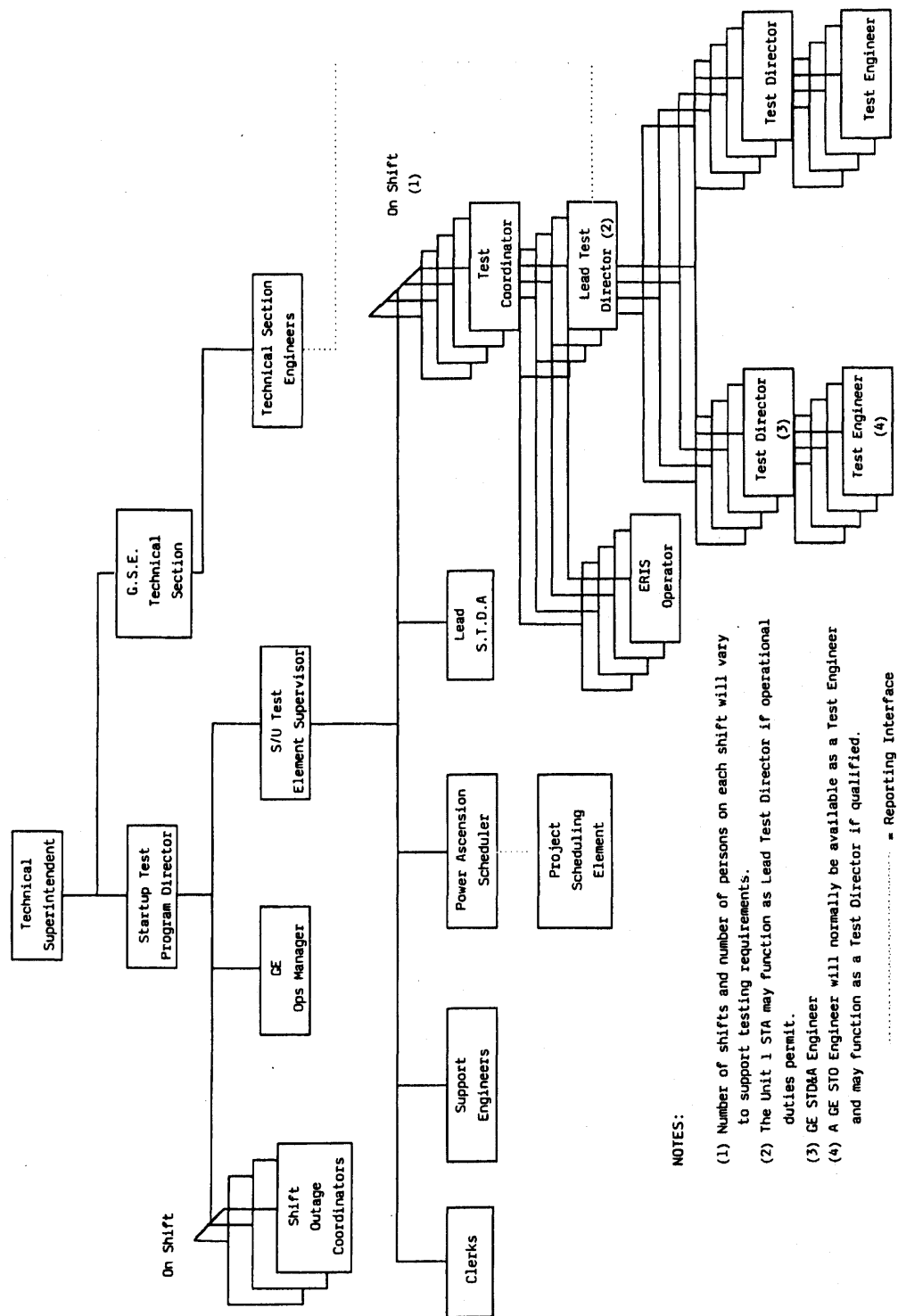
(Rev. 12 1/03)



PERRY NUCLEAR POWER PLANT

Nuclear Test Section Organization Chart

Figure 14.2-2



NOTES:

- (1) Number of shifts and number of persons on each shift will vary to support testing requirements.
- (2) The Unit 1 STA may function as Lead Test Director if operational duties permit.
- (3) CE STD&A Engineer
- (4) A CE STO Engineer will normally be available as a Test Engineer and may function as a Test Director if qualified.

..... = Reporting Interface

(Rev. 12 1/03)



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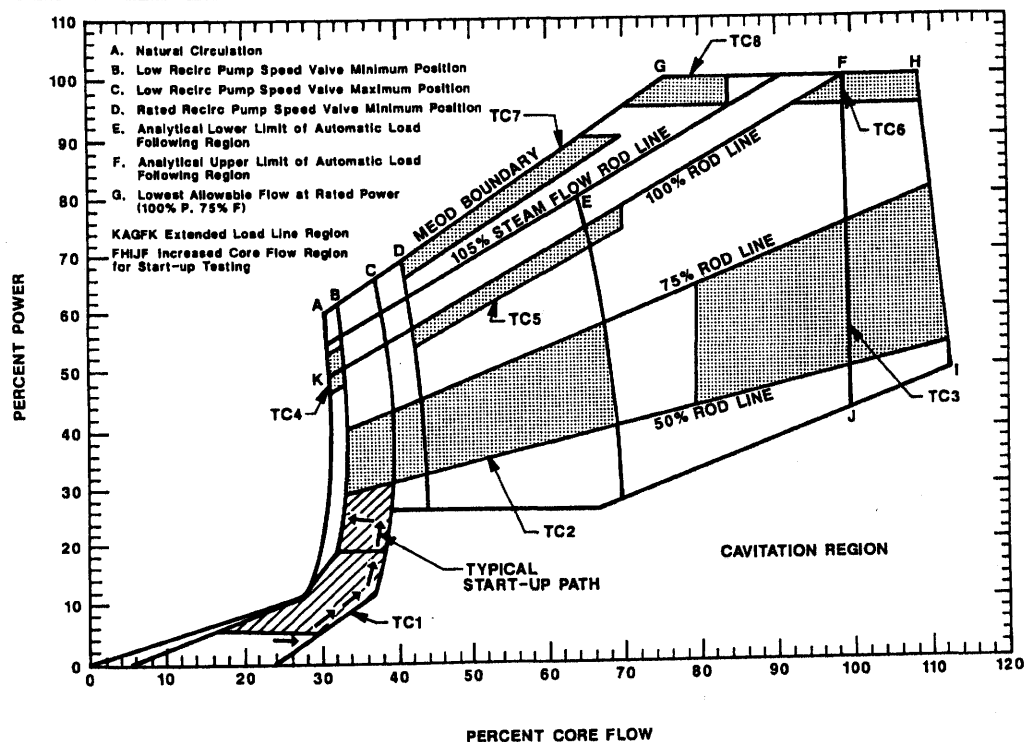
Perry Nuclear Power Plant
Startup Test Organization

Figure 14.2-3

TEST CONDITION (TC) REGION DEFINITIONS

Test Condition (TC)	Power Flow Map Region and Notes
1	Before or after main generators synchronization from 5 to 32 percent thermal power and operating on recirculation pump low frequency power supply, upper limit is the 50% rod line.
2	After main generator synchronization from 50 to 75 percent control lines, at or below the analytical lower limit of Master Flow Control mode and with the lower power corner within bypass valve capacity.
3	From 50 to 75 percent control rod lines above 80 percent core flow, and within maximum core flow.
4	On the natural circulation core flow line within ± 5 percent of the intersection with the 100 percent power rod line.
5	From the 100 percent loadline to 5 percent below the 100 percent loadline and between minimum flow at rated circulation pump speed (minimum valve position) to 5 percent above the analytical lower limit of the automatic flow control range.
6	Within 0 to -5 percent of rated 100 percent thermal power, above 95 percent core flow and within maximum core flow.
7	From the bounding licensed loadline to 5 percent below the bounding licensed with flow between minimum at rated recirculation pump speed (minimum FCV position) to the core flow which results in 90 percent thermal power on the bounding licensed loadline.
8	Within 0 to -5 percent of rated 100 percent thermal power and within the bounding licensed loadline and 85 percent of rated core flow.

NOTE: Core flow will exceed 100 percent rated core flow rate only for testing associated with the reactor internals prototype vibration measurements program and NEOD related testing.



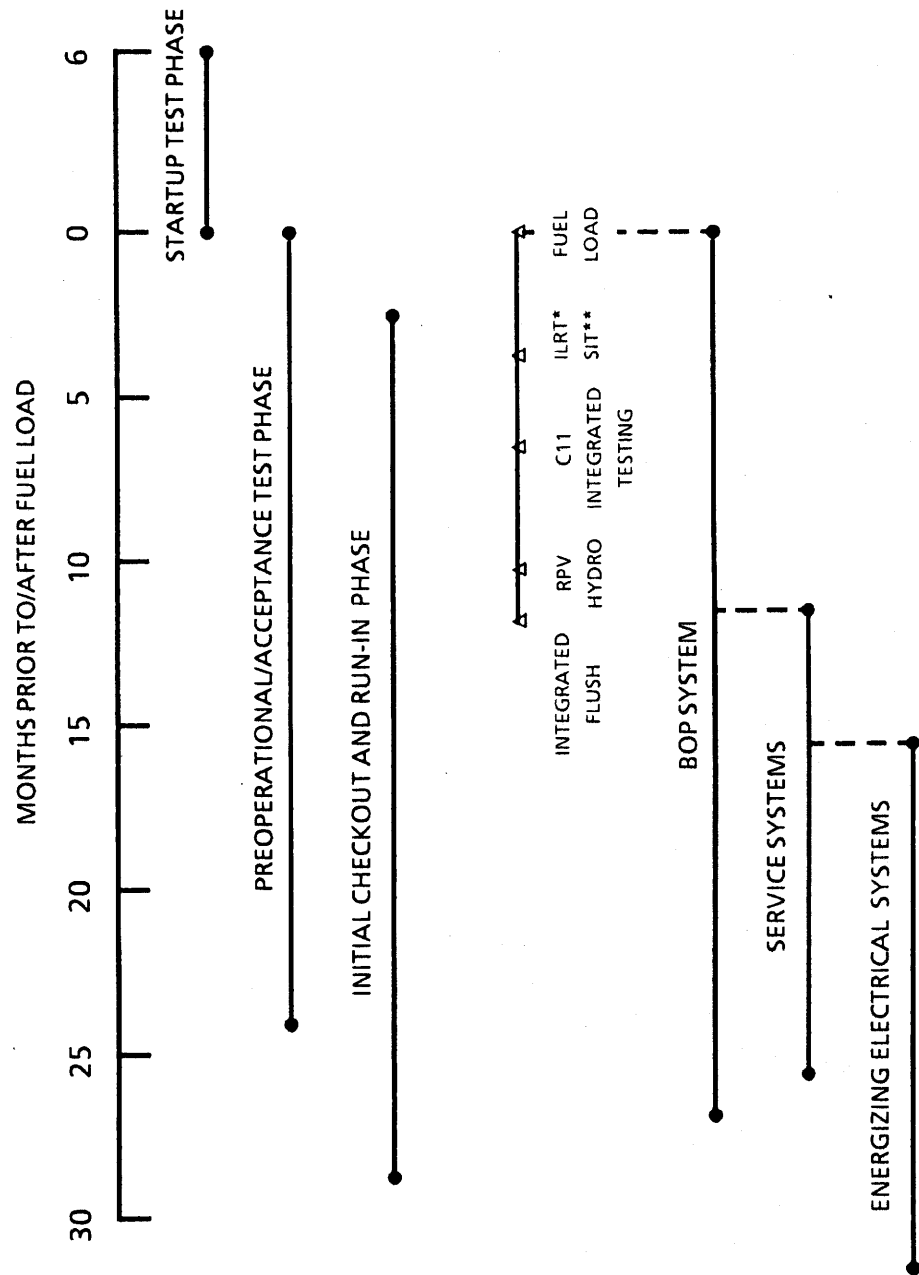
PERCENT CORE FLOW
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PERRY NUCLEAR POWER PLANT

Startup Test Condition
Power/Flow Map

Figure 14.2-4



* ILRT = INTEGRATED LEAK RATE TEST
 **SIT = STRUCTURAL INTEGRITY TEST

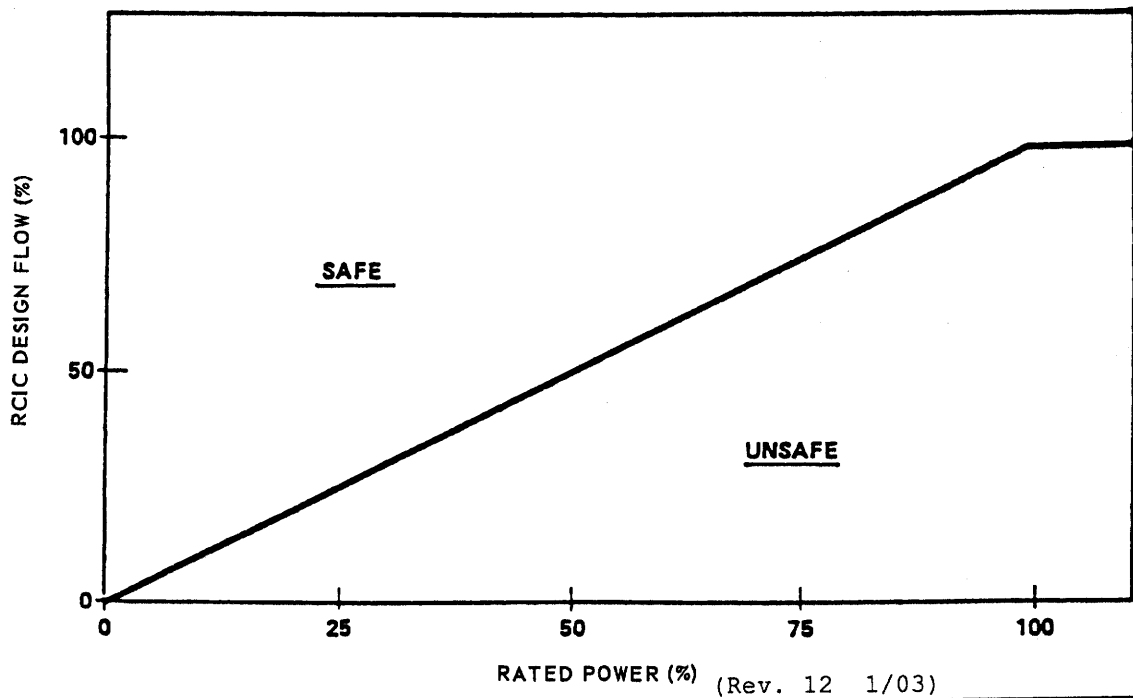
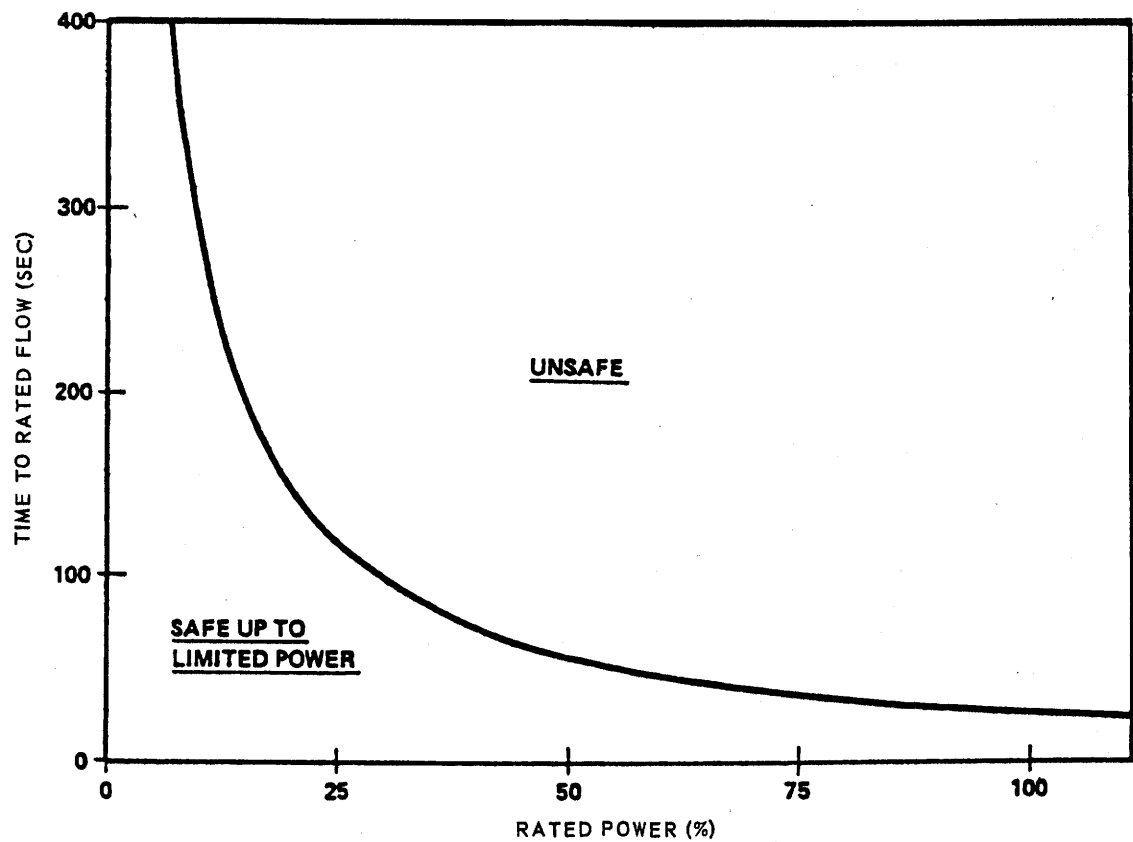
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PERRY NUCLEAR POWER PLANT

Component, Preoperational/
 Acceptance and Startup Test
 Phase Schedule

Figure 14.2-5



(Rev. 12 1/03)



PERRY NUCLEAR POWER PLANT

RCIC Acceptance Criteria Curves
For Capacity and Actuation Time

Figure 14.2-7