

## *Flow Diagrams for Troubleshooting*

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This chapter discusses solutions for these subjects:

<i>No AC/DC Power</i>	<i>page 9-2</i>
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<i>Defective CPU/Memory Board</i>	<i>page 9-4</i>
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<i>Defective Clock Board</i>	<i>page 9-8</i>

## 9.1 No AC/DC Power

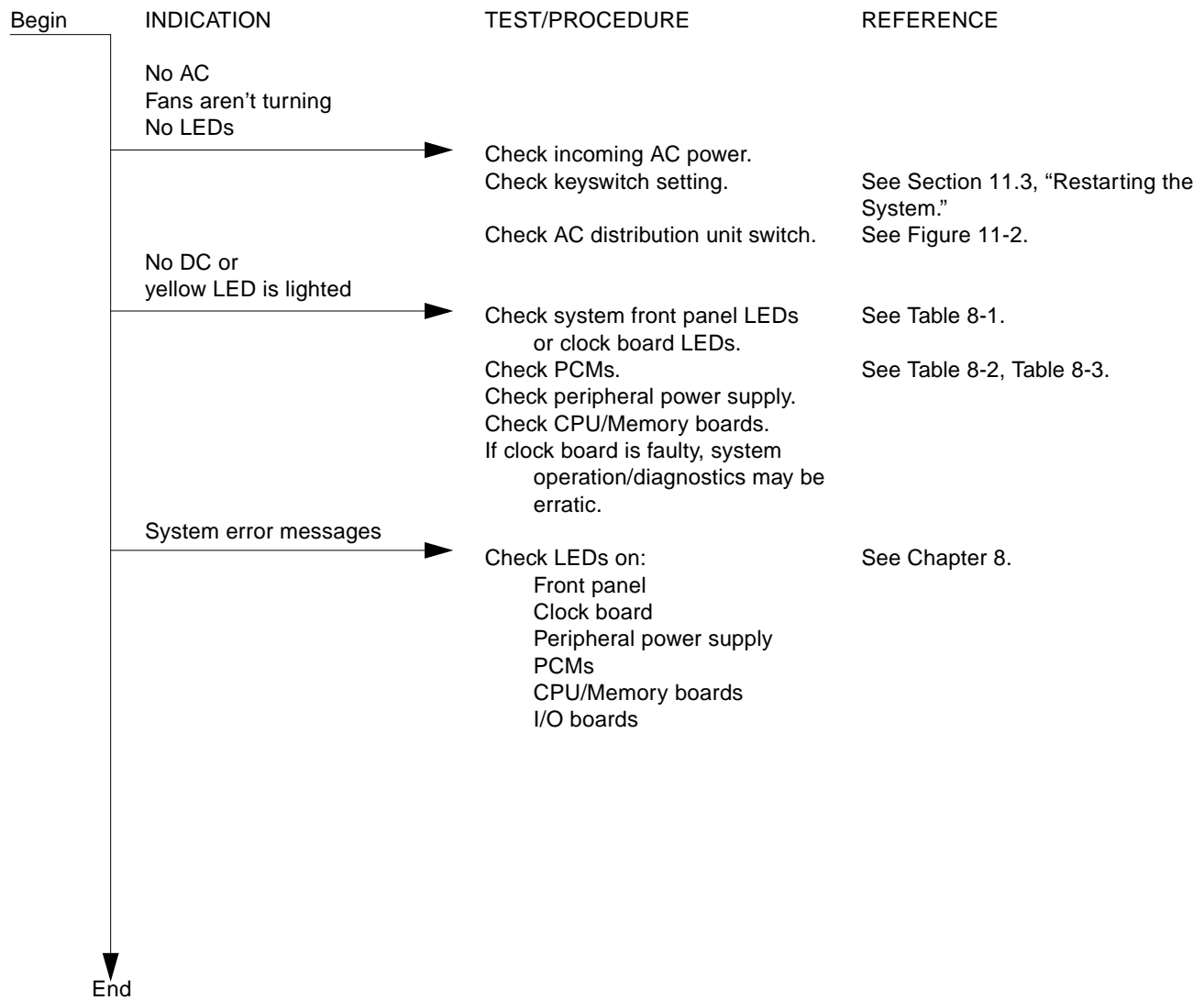


Figure 9-1 Diagnosing AC/DC Power Problems

## 9.2 System Cannot Boot

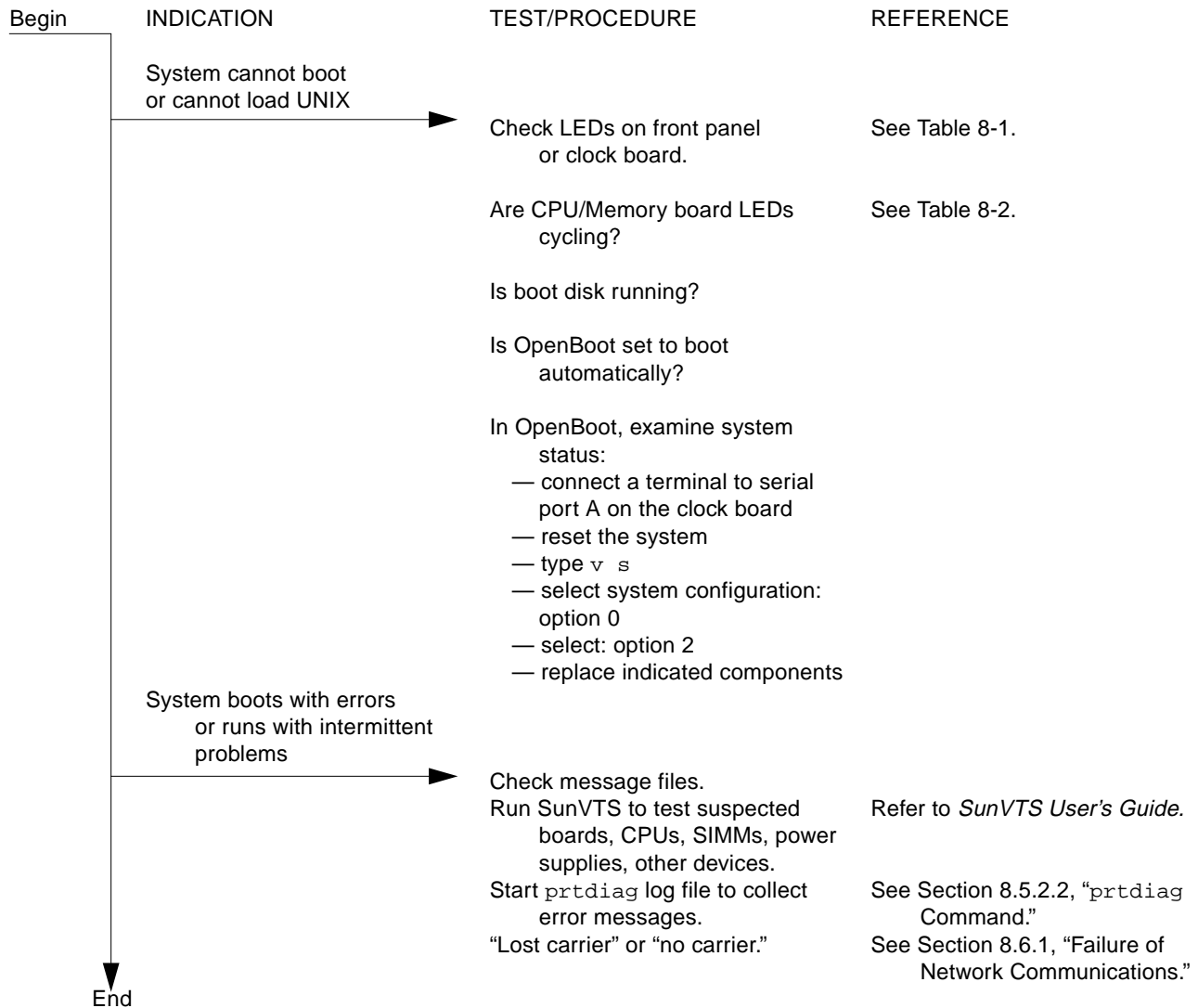


Figure 9-2 Diagnosing Operating System Problems

### 9.3 Defective CPU/Memory Board

CPU/Memory boards are hot-pluggable.

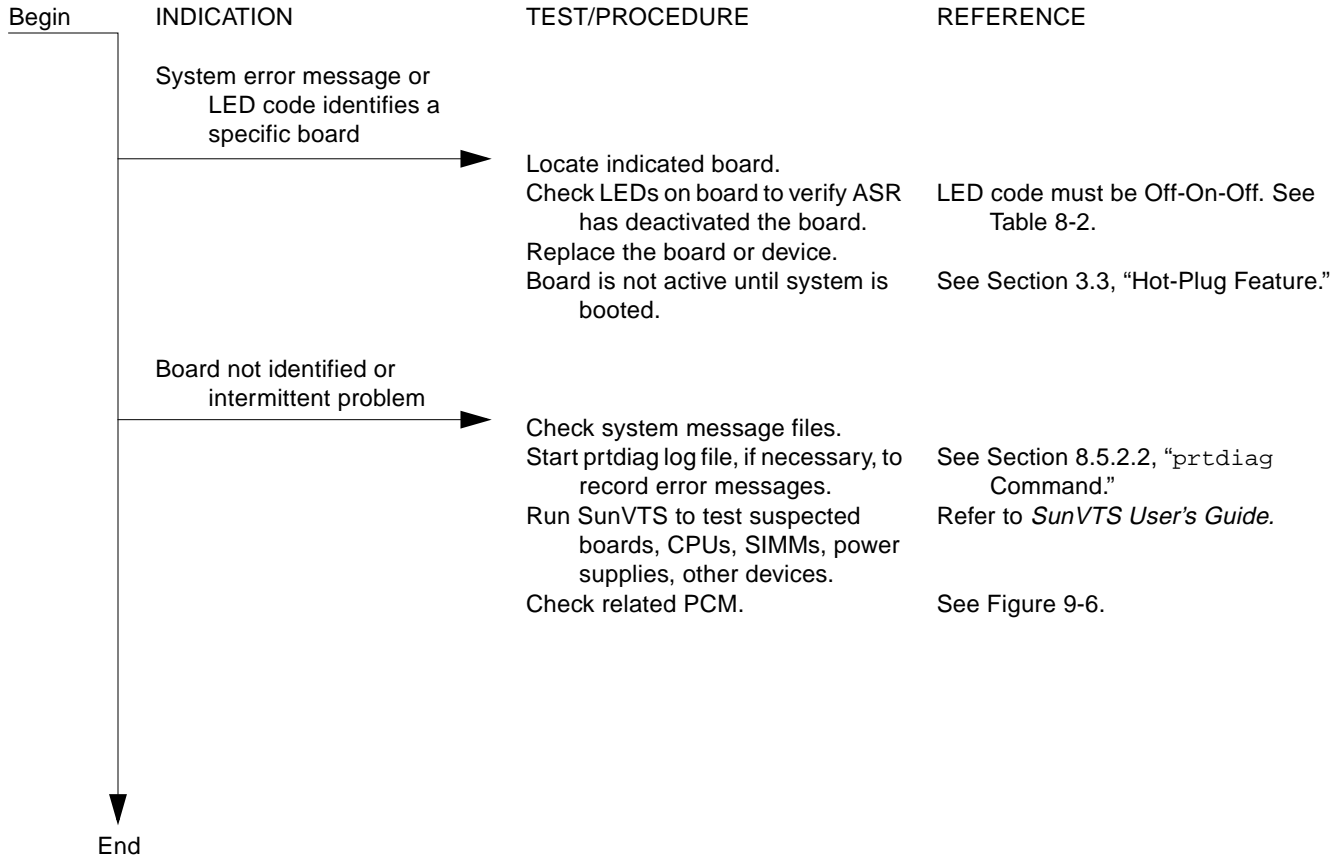


Figure 9-3 Replacing I/O Interface

## 9.4 Defective I/O Interface Board

Interface boards are hot-pluggable in many instances.

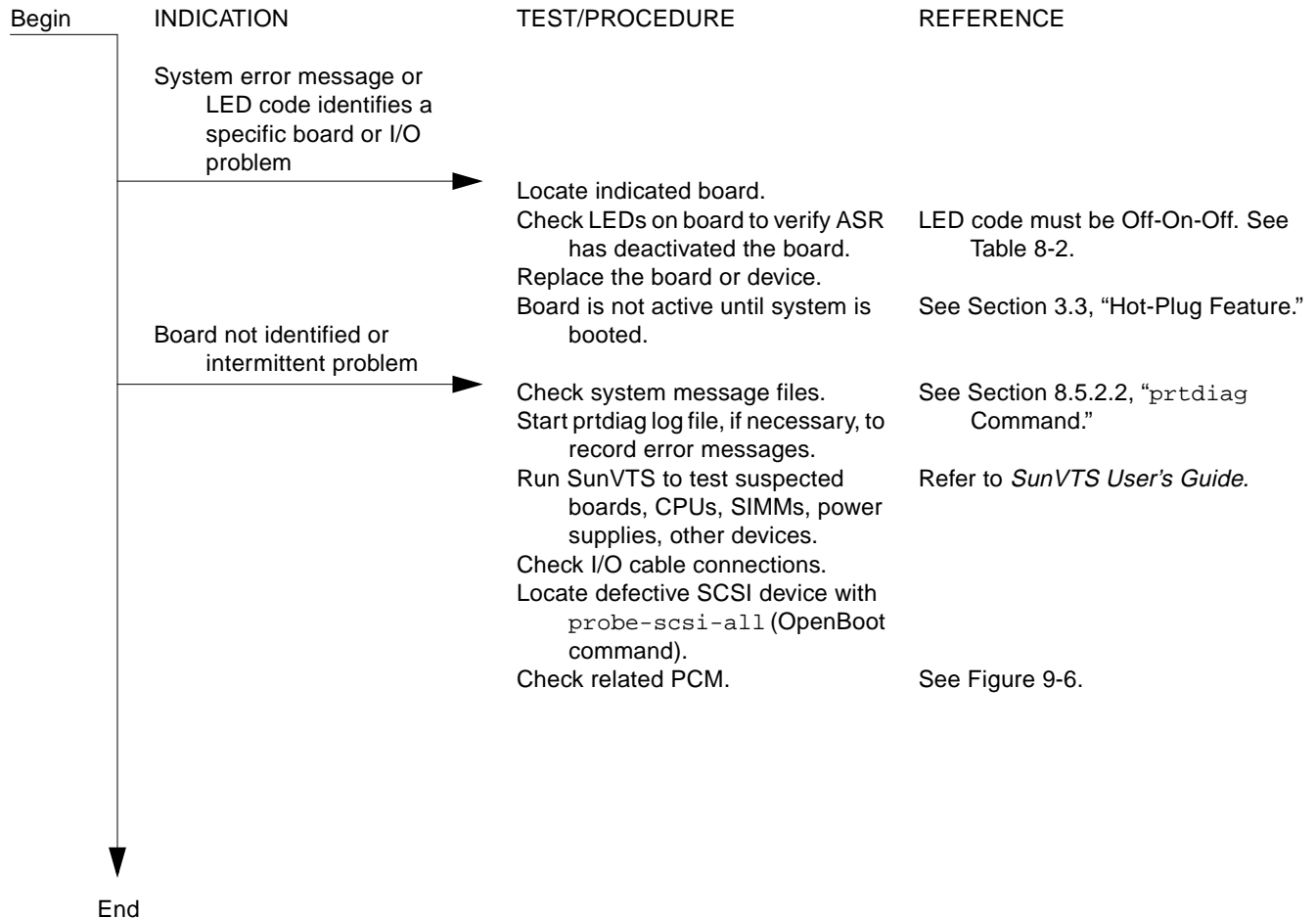


Figure 9-4 Replacing I/O Interface

## 9.5 Defective Disk Drive

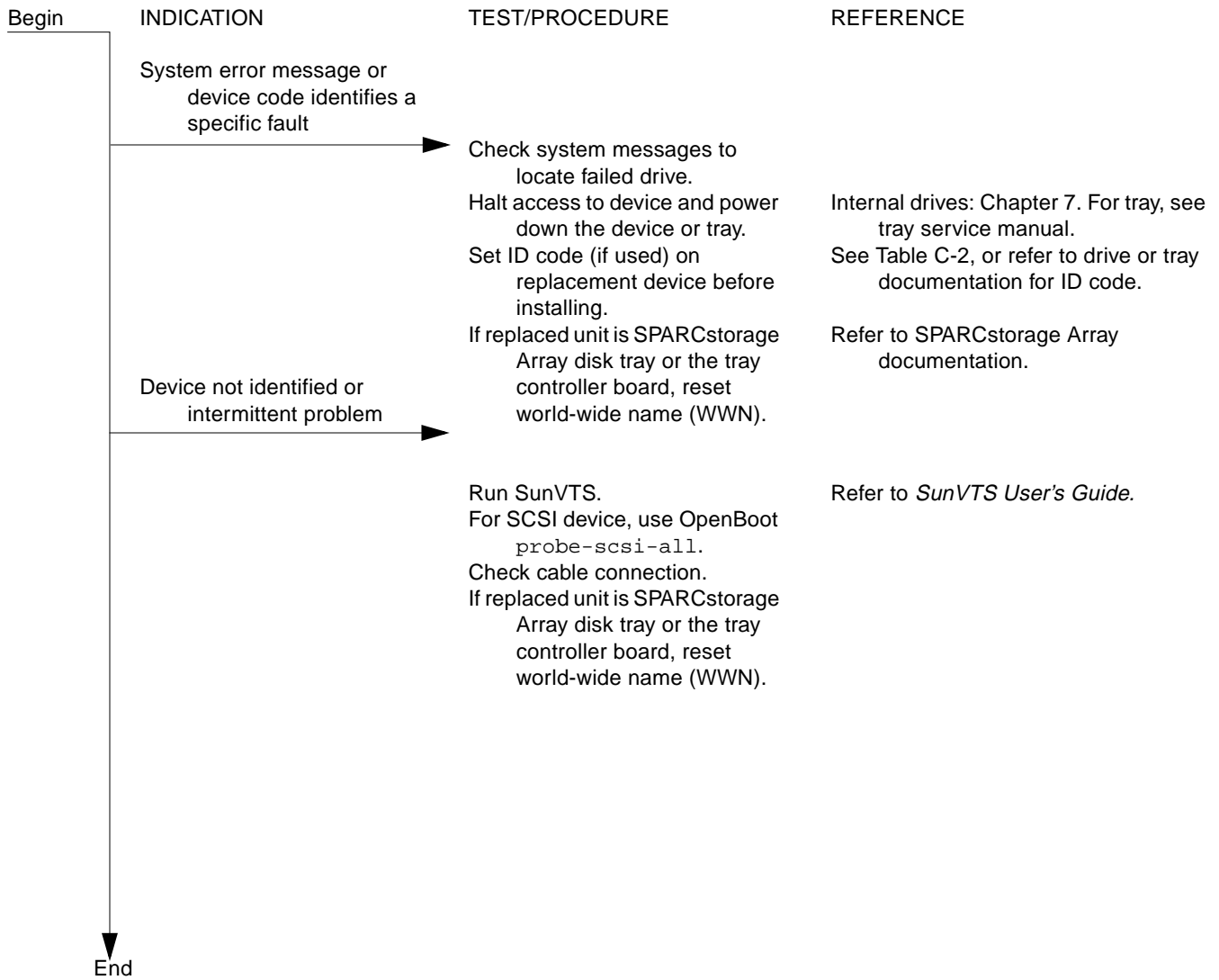


Figure 9-5 Diagnosing Disk Drive Problems

## 9.6 Defective Power Supplies

The power/cooling modules (PCMs) are hot-pluggable.



**Caution** – Boards in slots adjacent to a PCM may overheat if the supply is removed and not replaced. The PCM provides cooling air to two board slots.



**Caution** – Do not hot-plug boards or modules if the AC/peripheral power supply is defective. The hot-pluggable feature requires a working peripheral power supply for precharge current.

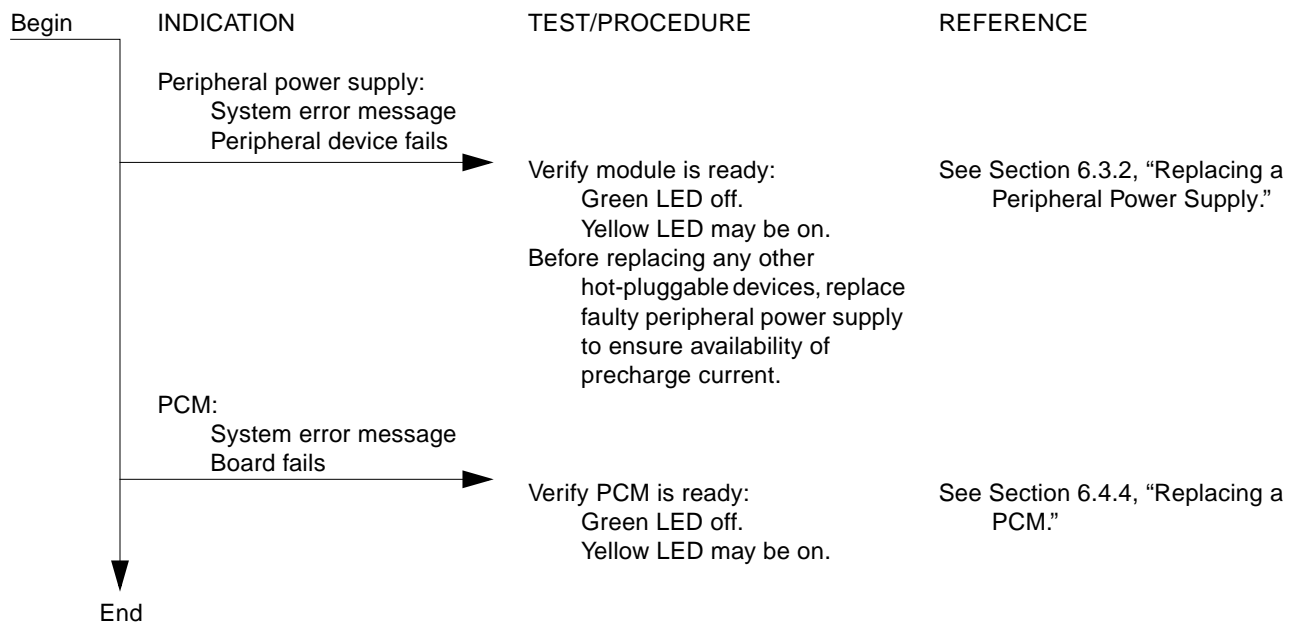


Figure 9-6 Diagnosing Power Supply Problems

## 9.7 Defective Clock Board

There is one clock board in the system.



**Caution** – The clock board is not hot-pluggable. You must halt the operating system and turn off AC power before replacing the clock board.

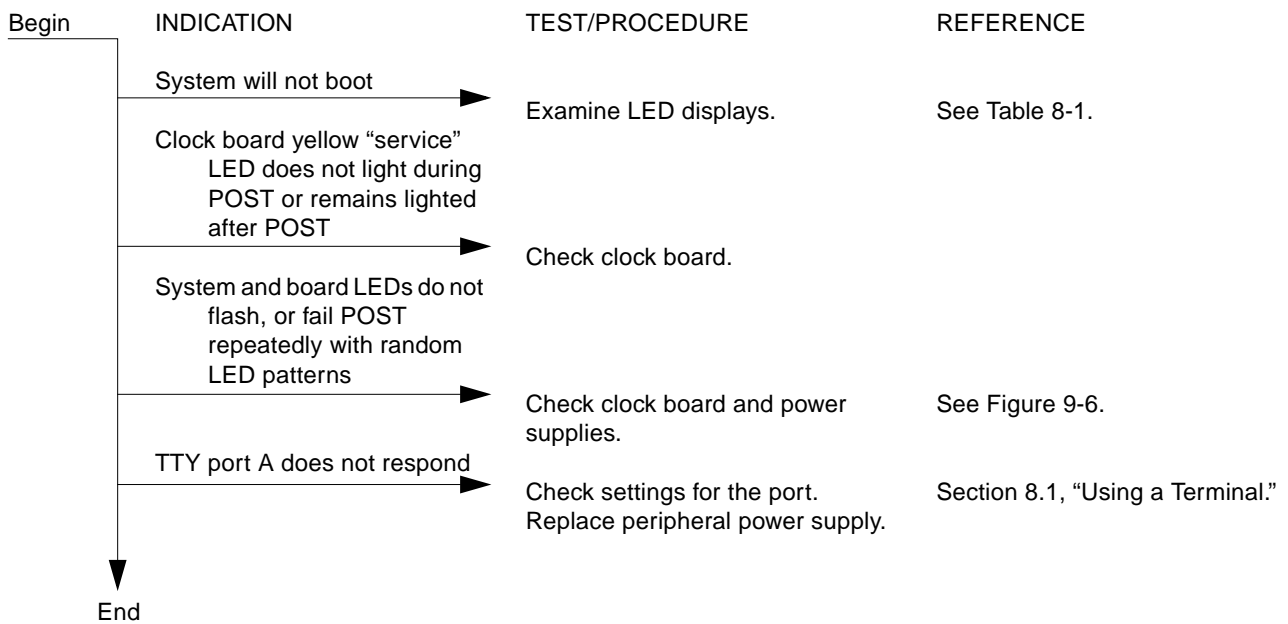


Figure 9-7 Diagnosing a Defective Clock Board