



FIGURE 7.15 Timed-out nodes that must be skipped to acquire the TOLock. Threads *B* and *D* have timed out, redirecting their pred fields to their predecessors in the list. Thread *C* notices that *B*'s field is directed at *A* and so it starts spinning on *A*. Similarly, thread *E* spins waiting for *C*. When *A* completes and sets its pred to AVAILABLE, *C* will access the critical section and upon leaving it will set its pred to AVAILABLE, releasing *E*.