```
monitor Timer {
  int tod = 0;    ## invariant CLOCK -- see text
  cond check;     #  signaled when tod has increased

  procedure delay(int interval) {
    int wake_time;
    wake_time = tod + interval;
    while (wake_time > tod) wait(check);
  }

  procedure tick() {
    tod = tod + 1;
    signal_all(check);
  }
}
```

Figure 5.7 Interval timer with a covering condition.

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