Λ = {

*monidle*

*monidleregulate\_environment*

*regulate\_environmentmonidle*

*monidlelockdown*

*lockdownmonidle*

}

Q = {

q0 = monidle

regulate\_environment

lockdown

}

V = {

inlockdown

}

Σ1 = {

no\_contagion

contagion\_alert

after\_100\_ms

}

Σ2 = {

broadcast FACILITY\_CRIT\_MESG

inlockdown = true

inlockdown = false

}