# ALR15_fig1.imi

| 2 clocks | 1 parameter | Initial |
|----------|-------------|---------|
| x<br>y | p | p >= 0<br>& 1 >= p<br>& x = 0<br>& y = 0 |

pta

l1 | True

l2 | True

l4 | True

l3 | True

x = 1
x := 0

x >= 1
& y = 0

p >= y
y := 0

y = 1
y := 0