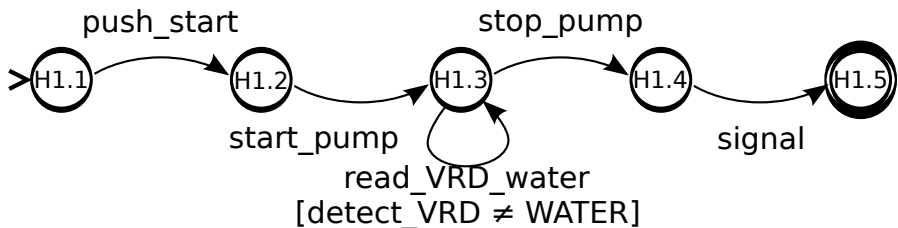**|| fill_tubbing1** | **{push_start,signal}**

HD

[detect_VRD = WATER]

push_start

> H1.1 → H1.2 → H1.3 → H1.4 → H1.5

stop_pump

start_pump

signal

read_VRD_water

[detect_VRD ≠ WATER]

operator

branch_saline

signal

> O1.1 → O1.2 → O1.3 → O1.4

push_start