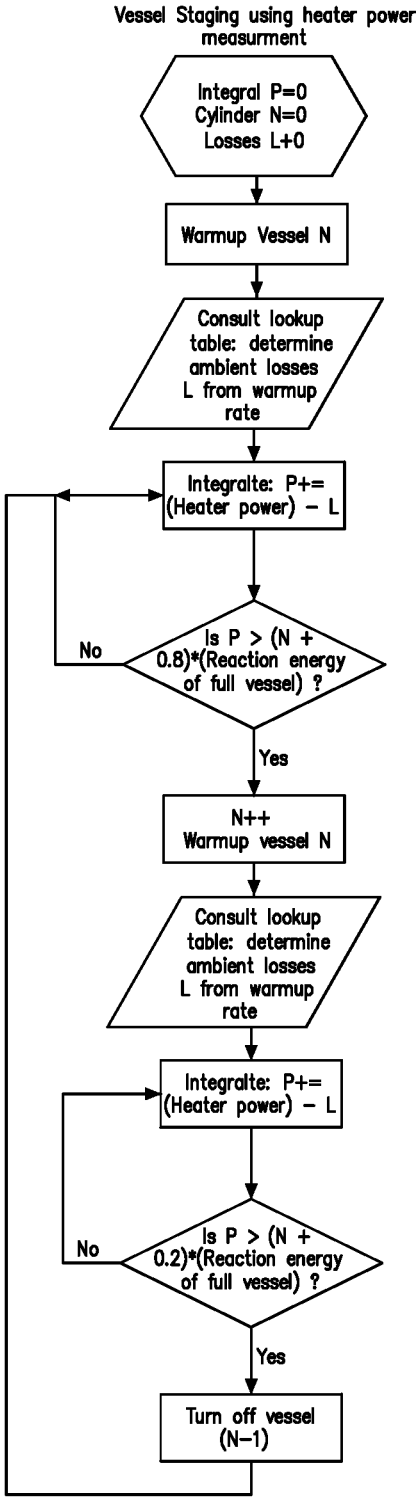
Vessel Staging using heater power measurment
Integral P=0
Cylinder N=0
Losses L+0
Warmup Vessel N
Consult lookup table: determine ambient losses L from warmup rate
Integralte: P+= (Heater power) − L
Is P > (N + 0.8)*(Reaction energy of full vessel) ?
No
Yes
N++
Warmup vessel N
Consult lookup table: determine ambient losses L from warmup rate
Integralte: P+= (Heater power) − L
Is P > (N + 0.2)*(Reaction energy of full vessel) ?
No
Yes
Turn off vessel (N−1)

FIGURE 3