WHAT IS CLAIMED IS:

1. A safety valve, comprising:

a piston located within a piston chamber, the piston separating the piston chamber into a first portion and a second portion and configured to slide to move a valve closure mechanism between a closed state and an open state, wherein the first portion of the piston chamber is positioned uphole of the piston and the second portion of the piston chamber is positioned downhole of the piston, and wherein the valve closure mechanism is positioned downhole of the piston;

a first control/balance line fluidically coupled to the first portion of the piston chamber and extends from the safety valve to a surface installation;

a second control/balance line fluidically coupled to the second portion of the piston chamber~~; and~~ and extends from the safety valve to the surface installation;

a chemical line fluidically coupled to the second control/balance line~~.~~; and

a one way valve associated with the chemical line, the one way valve configured to bleed/control fluid from the second control/balance line to the chemical line, wherein the valve closure mechanism can move from a closed state to an open state once fluid from the second control/balance line flows to the chemical line through the one way valve.

2. The safety valve as recited in ~~Claim~~ claim 1, wherein the first control/balance line is a control line and the second control/balance line is a balance line, and further wherein the chemical line is fluidically coupled to the balance line.

3. The safety valve as recited in ~~Claims~~ claim 1 ~~to 2~~, wherein the chemical line is physically coupled directly to the second control/balance line.

4. The safety valve as recited in ~~Claims~~ claim 1 ~~to 3~~, wherein a balance chamber is fluidically coupled to the second portion of the piston chamber, and further wherein the second control/balance line is physically coupled to the balance chamber.

5. The safety valve as recited in ~~Claim~~ claim 4, wherein the chemical line is directly coupled to the balance chamber.

6. The safety valve as recited in ~~Claims~~ claim 1 ~~to 5, further including a,~~ wherein the one way ~~pressure relief~~ valve associated with the chemical line is a one way pressure relief valve, the one way pressure relief valve configured to bleed fluid from the second control/balance line to the chemical line.

7. The safety valve as recited in ~~Claim~~ claim 6, further including a self-closing mechanism coupled to the piston, and further wherein a relief pressure (R^1) required to open the one way pressure relief valve is greater than a second control/balance line pressure (B^2) necessary to help counterbalance the piston.

8. The safety valve as recited in ~~Claims~~ claim 1 ~~to 7, further including a flow restrictor associated with the chemical line, the flow restrictor configured to bleed fluid from the second control/balance line to the chemical line.~~

~~9. The safety valve as recited in Claims 1 to 8~~, wherein the piston is magnetically coupled to the valve closure mechanism, and further wherein moving the piston slides the valve closure mechanism between a closed state and an open state.

~~10.~~9. A subterranean production well, comprising:

a surface installation positioned over a wellbore;

a conduit positioned within the wellbore;

a safety valve positioned within the conduit, the safety valve including;

~~———~~a valve closure mechanism; and

a piston located within a piston chamber and coupled to the valve closure mechanism, the piston separating the piston chamber into a first portion and a second portion and configured to slide to move the valve closure mechanism between a closed state and an open state, wherein the first portion of the piston chamber is positioned uphole of the piston and the second portion of the piston chamber is positioned downhole of the piston;

a chemical injection system positioned within the wellbore;

a first control/balance line extending from the surface installation and fluidically coupled to the first portion of the piston chamber;

a second control/balance line extending from the surface installation and fluidically coupled to the second portion of the piston chamber; ~~and~~

a chemical line fluidically coupling the chemical injection system and the second control/balance line~~.~~; and

~~11.~~a one way valve associated with the chemical line, the one way valve configured to bleed/control fluid from the second control/balance line to the chemical line, wherein the valve closure mechanism can move from a closed state to an open state once fluid from the second control/balance line flows to the chemical line through the one way valve.

10. The subterranean production well as recited in ~~Claim 10~~ claim 9, wherein the first control/balance line is a control line and the second control/balance line is a balance line, and further wherein the chemical line is fluidically coupled to the balance line.

~~12.~~11. The subterranean production well as recited in ~~Claims 10 to 11~~ claim 9, wherein the chemical line is physically coupled directly to the second control/balance line.

~~13.~~12. The subterranean production well as recited in ~~Claims 10 to 12~~ claim 9, wherein a balance chamber is fluidically coupled to the second portion of the piston chamber, and further wherein the second control/balance line is physically coupled to the balance chamber.

~~14.~~13. The subterranean production well as recited in ~~Claim 13~~ claim 12, wherein the chemical line is directly coupled to the balance chamber.

~~15.~~14. The subterranean production well as recited in ~~Claims 10 to 14, further including a~~ claim 9, wherein the one way ~~pressure relief~~ valve associated with the chemical line is a one way pressure relief valve, the one way pressure relief valve configured to bleed fluid from the second control/balance line to the chemical injection system.

~~16.~~15. The subterranean production well as recited in ~~Claim 15~~ claim 14, further including a self-closing mechanism coupled to the piston, and further wherein a relief pressure (R^1) required to open the one way pressure relief valve is greater than a second control/balance line pressure (B^2) necessary to counterbalance the piston.

~~17.~~16. The subterranean production well as recited in ~~Claims 10 to 16, further including a flow restrictor associated with the chemical line, the flow restrictor configured to bleed fluid from the second control/balance line to the chemical line.~~

~~18. The subterranean production well as recited in Claims 10 to 17~~ claim 9, wherein the piston is magnetically coupled to the valve closure mechanism, and further wherein moving the piston slides the valve closure mechanism between a closed state and an open state.

~~19.~~

17. A method for operating a subterranean production well, comprising:

placing a conduit within a wellbore located below a surface installation;

positioning a safety valve within the conduit, the safety valve including;

~~————————~~a valve closure mechanism; and

a piston located within a piston chamber and coupled to the valve closure mechanism, the piston separating the piston chamber into a first portion and a second portion and configured to slide to move the valve closure mechanism between a closed state and an open state, wherein the first portion of the piston chamber is positioned uphole of the piston and the second portion of the piston chamber is positioned downhole of the piston;

positioning a chemical injection system within the wellbore;

fluidically coupling a first control/balance line from the surface installation to the first portion of the piston chamber;

fluidically coupling a second control/balance line from the surface installation to the second portion of the piston chamber; and

fluidically coupling a chemical line between the chemical injection system and the second control/balance line, the chemical line having a one way pressure relief valve associated therewith, the one way pressure relief valve configured to bleed fluid from the second control/balance line to the chemical injection system, wherein the valve closure mechanism can move from a closed state to an open state once fluid from the second control/balance line flows to the chemical line through the one way valve.

~~20.~~18. The method as recited in ~~Claim 19~~ claim 17, wherein the first control/balance line is a control line and the second control/balance line is a balance line, and further wherein the chemical line is fluidically coupled to the balance line.

~~21.~~19. The method as recited in ~~Claim 20~~ claim 18, further including pumping control fluid having a first control pressure (CO^1) through the control line to the first portion, and pumping chemical injection fluid having a first balance pressure (B^1) through the balance line to the

second portion to counterbalance the piston, the first control pressure (CO^1) being greater than the first balance pressure (B^1).

~~22.~~20. The method as recited in ~~Claim 21~~ claim 19, wherein a relief pressure (R^1) required to open the one way pressure relief valve is greater than the first balance pressure (B^1), and further including increasing the first balance pressure (B^1) to a second balance pressure (B^2) greater than or equal to the relief pressure (R^1) but less than or equal to the first control pressure (CO^1), the increasing causing chemical injection fluid from the balance line to bleed to the chemical injection system.