

# Pressurizer Pressure Control

Chapter 6.1



# Objectives

1. State the purposes of the pressurizer pressure control system (PPCS).
2. List the sequence of actions performed by the PPCS for an increasing or decreasing pressure control signal.

# Purpose

1. Maintain RCS pressure at 2250 psia
2. Minimize pressure excursions during transient operations
3. Provide pressure signals for indication, alarms and control

Figure 6.1-1 Pressurizer Pressure Control System

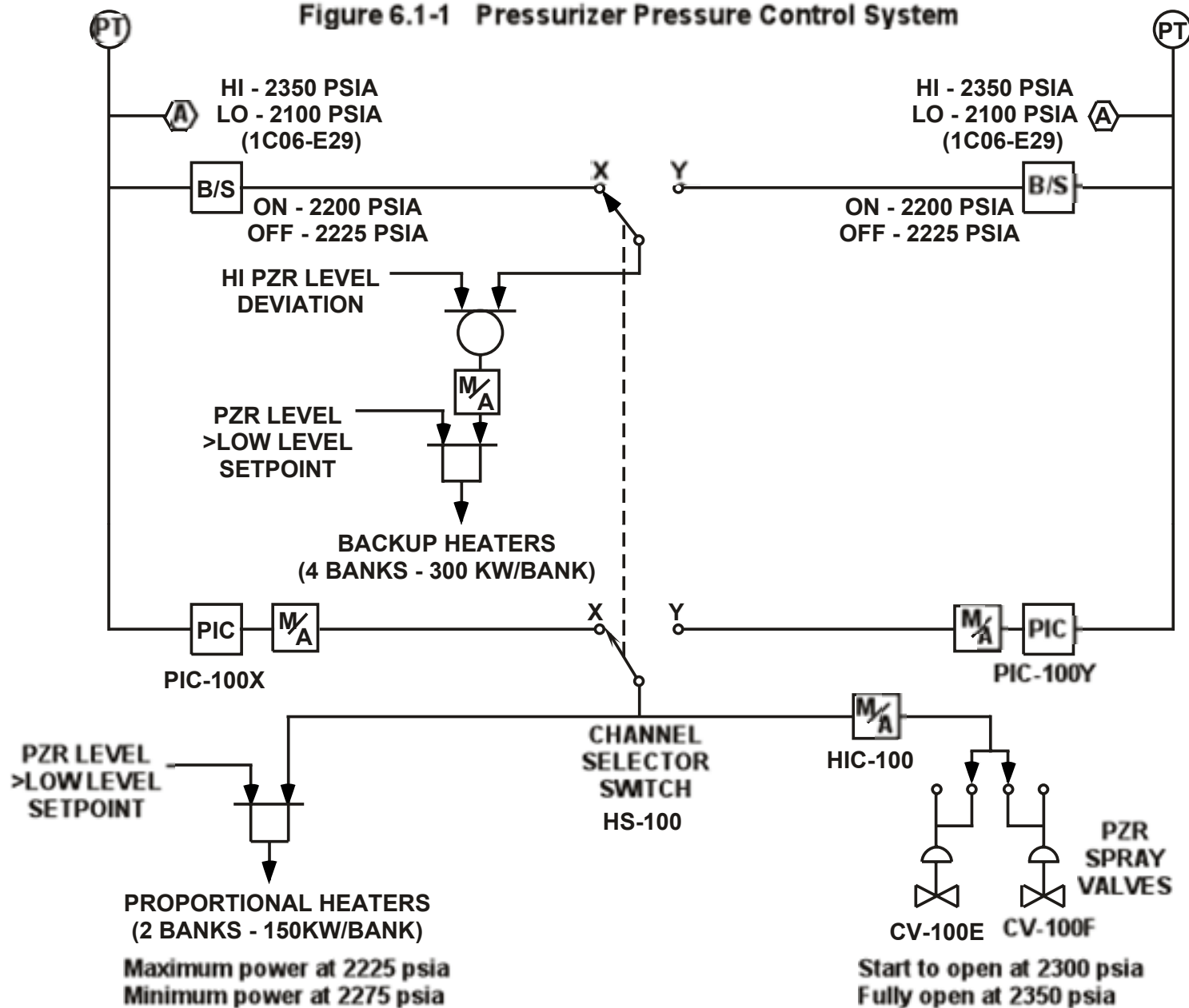
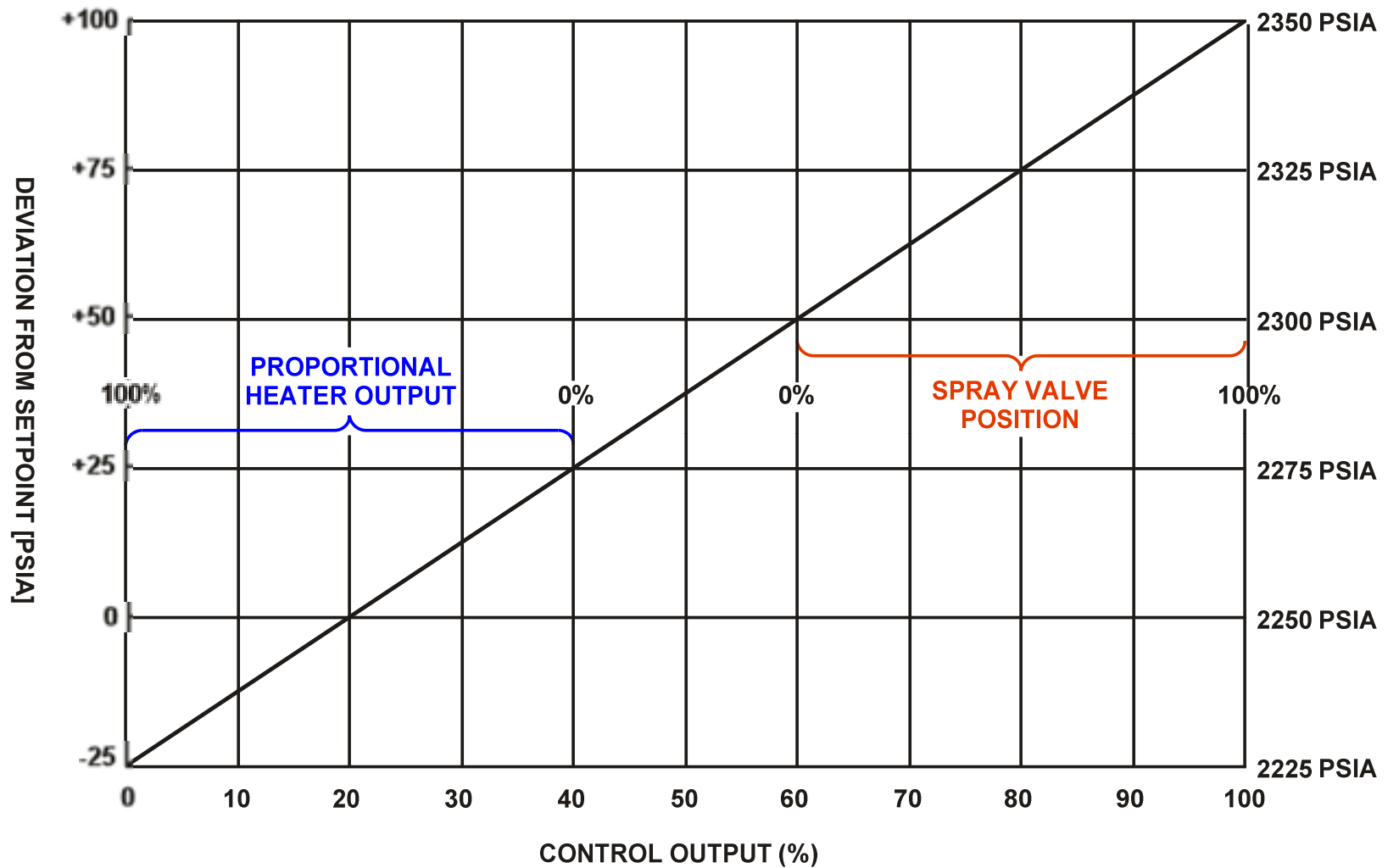
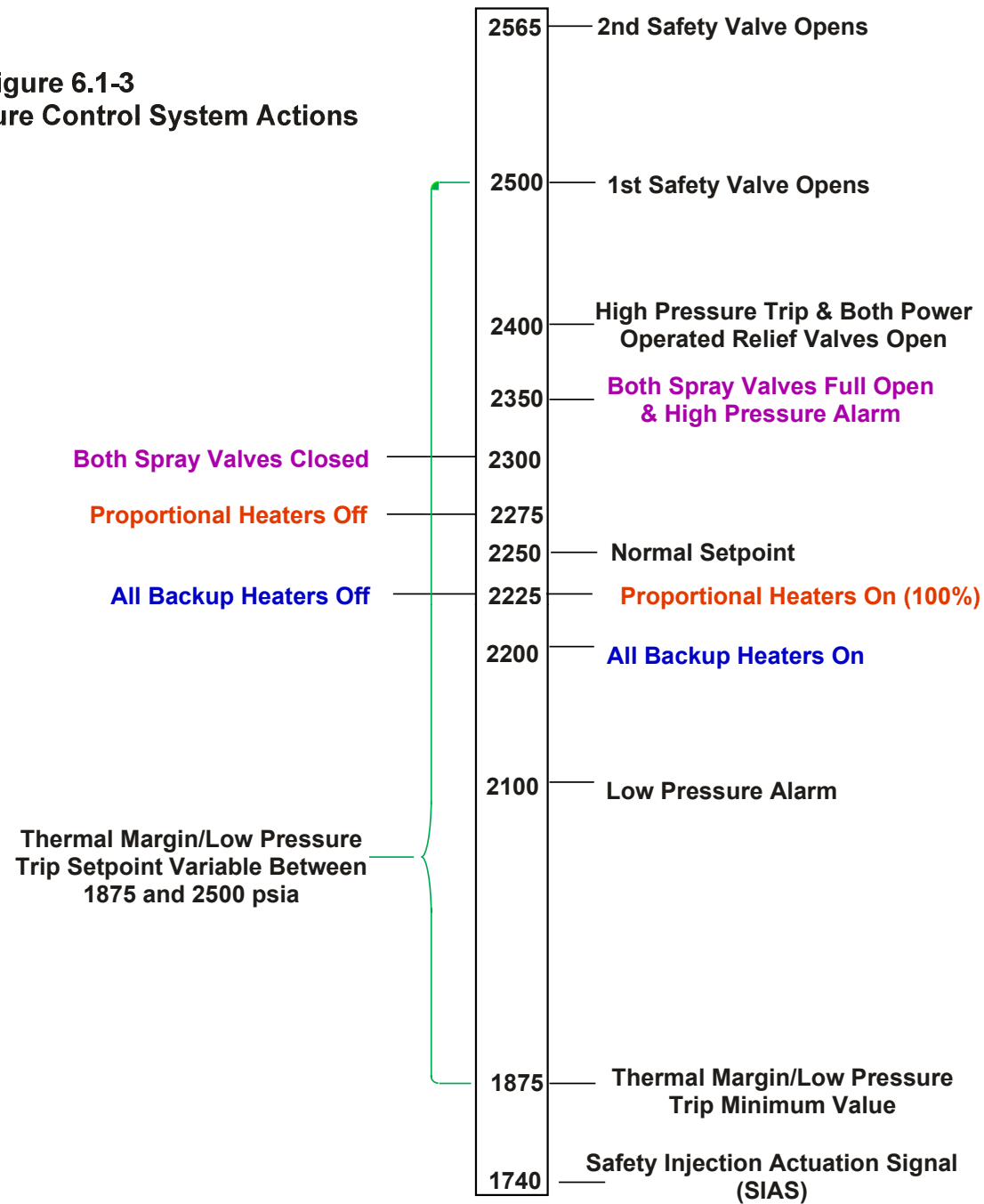


Figure 6.1-2 Pressurizer Pressure Control Output vs. Pressure Deviation



**Figure 6.1-3  
Pressurizer Pressure Control System Actions**



**The End**