

The figure is a line plot with markers. The x-axis is labeled from 0 to 300 in increments of 50. The y-axis is unlabeled but has a horizontal solid line and two dashed lines above and below it. A legend in the top right corner identifies the elements: Y_i (plus sign), Z Violation (red dot), Control Limit (dashed line), Control Window (dotted line), and Boundary (plus sign). The plot shows a series of black plus signs representing Y_i values, which fluctuate around a solid black line. Two red dots are placed on the solid line at approximately x=155 and x=275, indicating Z violations. A vertical dotted line is at x=245, and a vertical solid line is at x=275. The solid line stays between the two dashed lines.

Iteration Number