Case-1 Force F1 at PSV along (-Z) direction 3740 3730 To carry out the Time history analysis of the PRV reaction forces, i need to mention the force vector in the Dynamic input. I have a doubt in mentioning the direction of the force, there are three cases i marked, may anybody share their views to clarify it. Force F2 at mid node of elbow along (+Z) direction S01080409B Force F5 at mid node of 3850 elbow along 3830 (+X) direction Force F3 at mid node of elbow along (-X) direction Force F4 at mid node of elbow along (+Z) direction P01080409A Force F6 at lateral tee node (-Y\*0.707) & (+Z\*0.707) direction



Case-2 Force F1 at PSV along (-Z) direction 3740 3730 Force F2 at mid node of elbow along (+X) direction S01080409B 3850 3830 Force F3 at mid node of elbow along Force F5 at mid node of (-Z) direction elbow (+Y\*0.707) & (-Z\*0.707) direction 3840 Force F4 at mid node of elbow along (-X) direction P01080409A



