Table 3.1.4-1
Allowable Alignment Limits As A Function Of Measured Peaking Factor Margin ($F_Q(Z)$, $F^N_{\Delta H}$)
At Power Levels > 85% Of Rated Power And Bank D Demand < 215 Steps Withdrawn

ALIGNMENT LIMITS (STEPS)*	REQUIRED MARGIN TO $F^N_{\Delta H}$ LIMIT (%)	REQUIRED MARGIN TO $F_Q(Z)$ LIMIT (%)
12	0.00	0.00
13	0.33	0.83
14	0.67	1.67
15	1.00	2.50
16	1.33	3.33
17	1.67	4.17
18	2.00	5.00

* Between the bank demand position and the RPI System.

Table 3.1.4-2
Allowable Alignment Limits As A Function Of Measured Peaking Factor Margin ($F_Q(Z)$, $F^N_{\Delta H}$)
At Power Levels > 85% Of Rated Power And Bank D Demand ≥ 215 Steps Withdrawn

ALIGNMENT LIMITS (STEPS)*	REQUIRED MARGIN TO $F^N_{\Delta H}$ LIMIT (%)	REQUIRED MARGIN TO $F_Q(Z)$ LIMIT (%)
12	0.00	0.00
13	0.33	0.83
14	0.67	1.67
15	1.00	2.50
16	1.33	3.33
17	1.67	4.17
18	2.00	5.00
19	2.33	5.83
20	2.67	6.67
21	3.00	7.50
22	3.33	8.33
23	3.67	9.17
24	4.00	10.0

* Between the bank demand position and the RPI System.

SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.1.4.1	Verify individual rod positions are within the following alignment limits: a. ± 18 steps of demanded position (as allowed by Table 3.1.4-1) in MODE 1 > 85 percent RTP when bank demand position is < 215 steps; AND b. ± 24 steps of demanded position (as allowed by Table 3.1.4-2) in MODE 1 > 85 percent RTP when bank demand position is ≥ 215 steps; AND c. ± 24 steps of demanded position in MODE 1 ≤ 85 percent RTP or in MODE 2.	12 hours
SR 3.1.4.2	Verify rod freedom of movement (trippability) by moving each rod not fully inserted in the core ≥ 10 steps in either direction.	92 days
SR 3.1.4.3	Verify rod drop time of each rod, from the fully withdrawn position, is ≤ 2.2 seconds from the beginning of decay of stationary gripper coil voltage to dashpot entry, with: a. T_{avg} ≥ 500°F; and b. All reactor coolant pumps operating.	Prior to reactor criticality after each removal of the reactor head