Cycle	Instruction Retired (WB)	Reason to stall
1	empty	n/a
2	empty	n/a
3	empty	n/a
4	empty	n/a
5	lbi r0, 0	n/a
6	lbi r5, 0	n/a
7	lbi r6, 43	n/a
8	lbi r7, 43	n/a
9	ld r1, r0, 0	n/a
10	NOP	RAW in r1 between I5 and I6
11	NOP	RAW in r1 between I5 and I6
12	NOP	RAW in r1 between I5 and I6
13	st r5, r1, 0	n/a
14	ld r1, r0, 2	n/a
15	NOP	RAW in r1 between I7 and I8
16	NOP	RAW in r1 between I7 and I8
17	NOP	RAW in r1 between I7 and I8
18	st r6, r1, 1	n/a
19	ld r1, r0, 4	n/a
20	NOP	RAW in r1 between I9 and I10
21	NOP	RAW in r1 between I9 and I10
22	NOP	RAW in r1 between I9 and I10
23	st r7, r1, 1	n/a
24	halt	n/a