

```
* 0 *
OR4 t15(r2) := r3 r3
OR4 t16(r3) := r4 r4
CMPWI t17(cr0) := t15(r2)
OR4 t1(r3) := t16(r3) t16(r3)
OR4 t0(r2) := t15(r2) t15(r2)
COND_BRANCH := t17(cr0)
```

```
* 2 *
LI t20(r4) :=
ADDI t3(r3) := t1(r3)
ADDI t2(r2) := t0(r2)
OR4 t19(r5) := t20(r4) t20(r4)
```

```
* 1 *
LI t18(r2) :=
B :=
```

```
* 3 *
PHI t4(r3) := t3(r3) t13(r3)
PHI t5(r4) := t19(r5) t12(r4)
PHI t6(r5) := t20(r4) t11(r5)
LWZ t7(r6) := t4(r3)
LBZ t21(r7) := t7(r6)
CMPWI t22(cr0) := t21(r7)
COND_BRANCH := t22(cr0)
```

```
* 4 *
LI t23(r7) :=
B :=
```

```
* 5 *
B :=
```

```
* 6 *
PHI t8(r7) := t23(r7) t9(r7)
ADD4 t24(r8) := t7(r6) t8(r7)
LBZ t25(r8) := t24(r8)
ADDI t9(r7) := t8(r7)
CMPWI t26(cr0) := t25(r8)
COND_BRANCH := t26(cr0)
```

```
* 7 *
B :=
```

```
* 8 *
ADD4 t10(r5) := t9(r7) t6(r5)
```

```
* 9 *
PHI t11(r5) := t6(r5) t10(r5)
ADDI t12(r4) := t5(r4)
CMPW t27(cr0) := t12(r4) t2(r2)
ADDI t13(r3) := t4(r3)
COND_BRANCH := t27(cr0)
```

```
* 11 *
```

```
* 10 *
B :=
```

```
* 12 *
PHI t14(r2) := t18(r2) t11(r5)
LIS t28(r3) :=
LA t29(r3) := t28(r3)
ADJCALLSTACKDOWN :=
OR4 r3 := t29(r3) t29(r3)
OR4 r4 := t14(r2) t14(r2)
BL := r3 r4
ADJCALLSTACKUP :=
IMPLICIT_DEF_GPR t31(r2) :=
OR4 r3 := t31(r2) t31(r2)
BLR :=
```

