RETLW	Return Literal to W

Syntax: [*label*] RETLW k

Operands: $0 \le k \le 255$

Operation: $k \rightarrow W$,
$(TOS) \rightarrow PC$,
PCLATU, PCLATH are unchanged

Status Affected: None

Encoding:

0000	1100	kkkk	kkkk

Description: W is loaded with the eight-bit literal 'k'. The program counter is loaded from the top of the stack (the return address). The high address latch (PCLATH) remains unchanged.

Words: 1

Cycles: 2

Q Cycle Activity:

Q1	Q2	Q3	Q4
Decode	Read literal 'k'	Process Data	pop PC from stack, Write to W
No operation	No operation	No operation	No operation

Example:

```
    CALL TABLE  ; W contains table
                ; offset value
                ; W now has
                ; table value
    :
TABLE
    ADDWF PCL   ; W = offset
    RETLW k0    ; Begin table
    RETLW k1    ;
    :
    :
    RETLW kn    ; End of table
```

```
RETLW kn      ; End of table
```

Before Instruction

W = 0x07

After Instruction

W = value of kn

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