

SUNPOWER CORP  
Form 5  
March 17, 2010

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
MCDANIEL THOMAS R

(Last) (First) (Middle)

C/O SUNPOWER CORPORATION, 3939 NORTH FIRST STREET

(Street)

SAN JOSE, CA 95134

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
SUNPOWER CORP [SPWRA]

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
01/03/2010

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Reporting

(check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D) Price  |  |  |                                   |
| Class A Common Stock            | 08/14/2009                           |  | G5                             | 3,000 D \$ 0 5,740  |  | D  |                                   |
| Class A Common Stock            | 08/14/2009                           |  | G5                             | 1,826 D \$ 0 3,914  |  | D  |                                   |
| Class A Common                  | 08/14/2009                           |  | G5                             | 3,000 A \$ 0 5,000  |  | I  | Held in Trust <sup>(1)</sup>      |

Stock

|                            |            |   |    |       |   |      |       |   |                                 |
|----------------------------|------------|---|----|-------|---|------|-------|---|---------------------------------|
| Class A<br>Common<br>Stock | 08/14/2009 | Â | G5 | 1,826 | A | \$ 0 | 6,826 | I | Held in<br>Trust <sup>(1)</sup> |
| Class A<br>Common<br>Stock | 11/20/2009 | Â | G5 | 2,014 | D | \$ 0 | 1,900 | D | Â                               |
| Class A<br>Common<br>Stock | 11/20/2009 | Â | G5 | 2,014 | A | \$ 0 | 8,840 | I | Held in<br>Trust <sup>(1)</sup> |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. of<br>D<br>Se<br>B<br>O<br>E<br>Is<br>Fi<br>(I |
|---|--|---|---|--------------------------------------|--|--|---|---|---|
|   |  |   |   |                                      | (A) (D)  | Date<br>Exercisable  | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares            |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| MCDANIEL THOMAS R<br>C/O SUNPOWER CORPORATION<br>3939 NORTH FIRST STREET<br>SAN JOSE, CA 95134 | Â X           | Â         | Â       | Â     |

## Signatures

Donald T. Rozak, Jr., CP, as attorney-in-fact for Thomas R. McDaniel

03/17/2010

Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Shares held of record by the McDaniel Trust dtd 7/26/2000 (the "Trust") of which Mr. McDaniel and his wife are co-trustees. Each trustee has independent control and voting power over the Trust.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.