

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): January 25, 2010

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**SunPower Corporation**

(Exact Name of Registrant as Specified in Charter)

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Delaware  
(State or Other Jurisdiction  
of Incorporation)

001-34166  
(Commission  
File No.)

94-3008969  
(IRS Employer  
Identification No.)

3939 North First Street, San Jose, California 95134  
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (408) 240-5500

N/A  
(Former Name or Former Address, if Changed Since Last Report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

On January 25, 2010, SunPower Corporation, a Delaware corporation (the “Company”), announced that Howard Wenger will serve as President, Utility & Power Plants for the Company’s utilities and power plants business group. Mr. Wenger previously served as the Company’s President, Global Business Units. The change in Mr. Wenger’s role coincides with the Company’s appointment of James Pape who will serve as President, Residential & Commercial for the Company’s residential and commercial business group.

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## **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SUNPOWER CORPORATION

Date: January 25, 2010

By: /s/ Dennis V. Arriola

Name: Dennis V. Arriola

Title: Senior Vice President and Chief Financial Officer