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

FORM 8-K

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

Date of report (Date of earliest event reported): June 10, 2008

SunPower Corporation

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

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000-51593 (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)

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))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On June 10, 2008, SunPower Corporation, a Delaware corporation ("<u>SunPower</u>"), issued the press release attached as Exhibit 99.1 hereto announcing Marty Neese is joining SunPower as its Chief Operating Officer. Mr. Neese's appointment will be effective on June 23, 2008.

Prior to joining SunPower, Mr. Neese, 45, served as Executive Vice President, Worldwide Operations for Flextronics International Ltd. since 2007, when Flextronics acquired Solectron Corporation, where he served as Executive Vice President, Operations since 2006. From 2004 until 2006, he served in various management roles at Solectron, including Executive Vice President, Program Management and Supply Chain Solutions. From 2000 until 2004, Mr. Neese served in various management roles at Sanmina-SCI, including Vice President Program Management & Sales Operations.

Mr. Neese's offer letter provides that he will receive an annual salary of \$400,000 and, subject to approval by the Compensation Committee (the "<u>Compensation Committee</u>") of SunPower's Board of Directors, he will receive two awards under the Second Amended and Restated SunPower Corporation 2005 Stock Incentive Plan (the "<u>Stock Plan</u>"), including 50,000 Restricted Stock Units and a Stock Option to purchase 100,000 shares of class A common stock. The Restricted Stock Units will vest in equal annual installments over a three-year period, and the Stock Option will vest in equal annual installments over a four year period. Mr. Neese will also be eligible for a target bonus will be equal to 60% of his base salary. His actual bonus will depend upon both corporate and individual performance. His offer letter also provides that he will be entitled to a termination payment equal to \$1.5 million if his employment is involuntarily terminated without "cause" (to be defined by the Compensation Committee) by SunPower prior to the first vesting date of his equity awards under the Stock Plan. In addition, his offer letter states that SunPower will provide him with an employment agreement with a change of control provision and confirms that his eligibility will not be prorated for purposes of participating in an annual merit review process and SunPower's annual evergreen stock award program.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.

Press Release dated June 10, 2008

Description

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.

Date: June 10, 2008

SUNPOWER CORPORATION

By: /s/ EMMANUEL HERNANDEZ

Name: Emmanuel Hernandez Title: Chief Financial Officer Exhibit No. 99.1

Description Press Release dated June 10, 2008

FOR IMMEDIATE RELEASE

Press Contacts:

Helen Kendrick SunPower Corp. 408-249-5585 hkendrick@sunpowercorp.com

SUNPOWER NAMES MARTY T. NEESE CHIEF OPERATING OFFICER

SAN JOSE, Calif., June 10, 2008 -- SunPower Corporation (Nasdaq: SPWR), a Silicon Valley-based manufacturer of high-efficiency solar cells, solar panels and solar systems, today announced that Marty T. Neese is joining the company as its chief operating officer. Neese will be responsible for leading SunPower's global strategic operations and worldwide materials sourcing, and will oversee the execution of its recently announced solar cell fabrication plant in Malaysia.

Neese brings more than 25 years of experience driving cost effective, scalable manufacturing processes and policies. A proponent of Kaizen, the Japanese strategy for continuous improvement, Neese successfully executed the Lean Six Sigma methodology at Flextronics International, a \$30+ billion company, and received the 2007 Shingo Prize for Operational Excellence.

"Marty is a seasoned executive bringing many years of lean manufacturing expertise to SunPower," said Tom Werner, CEO of SunPower Corp. "His impressive background of implementing cost reduction programs for companies much larger than ours will be a great asset in lowering our overall operations costs. I am extremely pleased to welcome Marty to our executive leadership team."

Most recently, Neese held the position of executive vice president, worldwide operations, for Flextronics International. Prior to that, he was executive vice president, operations at Solectron Corp., where he was responsible for the daily cost, quality, delivery, and end-to-end supply chain optimization and performance for customers who were partnered with the company. Previously, Neese held the positions of vice president, worldwide program management and sales operations at Sanmina-SCI Corp., and director, business development for Jabil Circuit Co. He also served in the U.S. Army for five years, reaching the rank of Captain.

Neese is a graduate of the United States Military Academy at West Point. He received his master's degree in business administration from the University of Florida.

About SunPower

SunPower Corporation (Nasdaq: SPWR) designs, manufactures and delivers high-performance solar electric systems worldwide for residential, commercial and utility-scale power plant customers. SunPower high-efficiency solar cells and solar panels generate up to 50 percent more power than conventional solar technologies and have a uniquely attractive, all-black appearance. With headquarters in San Jose, Calif., SunPower has offices in North America, Europe and Asia. For more information, visit www.sunpowercorp.com. SunPower is a majority-owned subsidiary of Cypress Semiconductor Corp. (NYSE: CY).

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are statements that do not represent historical facts. The company uses words and phrases such as "will," and similar expressions to identify forward-looking statements. Forward-looking statements in this press release include, but are not limited to, the company's plans and expectations regarding: (a) execution of the company's recently announced solar cell fabrication plant in Malaysia; and (b) lowering the company's overall operations costs. These forward-looking statements are based on information available to the company as of the date of this release and management's current expectations, forecasts and assumptions, and involve a number of risks and uncertainties that could cause actual results to differ materially from those anticipated by these forward-looking statements. Such risks and uncertainties include a variety of factors, some of which are beyond the company's control. In particular, risks and uncertainties that could cause actual results to differ include (i) construction and financing of the company's announced fabrication plant in Malaysia; (ii) the company's ability to obtain a adequate supply of polysilicon, ingots and wafers to manufacture its products and the price it pays for such materials; (iii) the continuation of governmental and related economic incentives promoting the use of solar power; (iv) the company's ability to ramp new production lines and realize expected manufacturing efficiencies; (v) unforeseen manufacturing equipment delays at the company's fabrication facilities and panel factories; (vi) the company's ability to utilize thinner wafers, reduce kerf loss and otherwise achieve anticipated improvements in polysilicon usage efficiency; (vii) production difficulties that could arise; (viii) the success of the company's ongoing research and development efforts; (ix) the potential renegotiation of or non-performance by parties to the company's supply and customer contracts; and (x) other risks described in the company's Quarterly Report on Form 10-Q for the quarter ended March 30, 2008, and other filings with the Securities and Exchange Commission. These forward-looking statements should not be relied upon as representing the company's views as of any subsequent date, and the company is under no obligation to, and expressly disclaims any responsibility to, update or alter its forward-looking statements, whether as a result of new information, future events or otherwise.

SunPower is a registered trademark of SunPower Corp. Cypress is a registered trademark of Cypress Semiconductor Corp. All other trademarks are the property of their respective owners.