

NEWPORT CORP  
Form 424B3  
November 30, 2007

**PROSPECTUS SUPPLEMENT NO. 5**  
(To Prospectus Dated April 25, 2007)

Filed Pursuant to Rule 424(b)(3)  
Registration No. 333-142362

**NEWPORT CORPORATION**  
**\$175,000,000**

**2.50% Convertible Subordinated Notes due 2012 and  
Common Stock Issuable upon Conversion of the Notes**

This prospectus supplement supplements information contained in that certain prospectus dated April 25, 2007 of Newport Corporation (the "Company"), relating to the offer and sale from time to time of up to \$175,000,000 of the Company's 2.50% Convertible Subordinated Notes due 2012, or the notes, and 7,277,567 shares of the Company's outstanding common stock that are issuable upon conversion of the notes, which are held by certain securityholders named in the prospectus under the section entitled "Selling Securityholders". This prospectus supplement is not complete without, and may not be delivered or utilized except in connection with, the prospectus, including any amendments or supplements thereto.

The following table amends and supplements the information set forth in the prospectus under the caption "Selling Securityholders" with respect to the selling securityholders named below and the respective notes and shares of common stock beneficially owned by such selling securityholders that may be offered pursuant to the prospectus:

Name of Selling Securityholder	Principal Amount of Notes Beneficially Owned and Offered	Percentage of Notes Outstanding	Shares of Common Stock Beneficially Owned	Conversion Shares of Common Stock	Shares of Common Stock Beneficially Owned After
			Prior to the Offering (1)(2)	Offered (2)	Completion of the Offering
DBAG London (3)	\$ 10,000,000	5.71%	415,861	415,861	

\* Less than 1%

(1) Includes shares of common stock issuable upon conversion of the notes.

(2) Assumes a conversion rate of 41.5861 shares per \$1,000 principal amount of notes and a cash payment in lieu of any fractional interest.

- (3) This selling securityholder is an affiliate of a broker-dealer and purchased the notes in the ordinary course of business. At the time this selling securityholder purchased the notes, it had no agreements or understandings, directly or indirectly, with any person to distribute the notes or the shares of common stock issuable upon conversion of the notes.

**The date of this prospectus supplement is November 30, 2007.**