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)

January 31, 2007

NEWPORT CORPORATION

(Exact name of registrant as specified in its charter)

Nevada (State or other jurisdiction of incorporation)

000-01649 (Commission File Number) 94-0849175 (IRS Employer Identification No.)

1791 Deere Avenue, Irvine, California (Address of principal executive offices)

92606 (*Zip Code*)

(949) 863-3144

(Registrant s telephone number, including area code)

Not Applicable

(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:

- " 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 2.02. Results of Operations and Financial Condition.

On January 31, 2007, Newport Corporation (the Registrant) announced its financial results for the fourth quarter and full fiscal year ended December 30, 2006, and its business outlook for the first quarter and full year 2007. The press release issued by the Registrant in connection with the announcement is attached to this report as Exhibit 99.1.

This information shall not be deemed filed for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference into any filing by the Registrant under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, except as may be set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description
99.1 Press Release dated January 31, 2007 (furnished pursuant to Item 2.02 and not deemed filed).

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.

January 31, 2007

NEWPORT CORPORATION

By: /s/ Jeffrey B. Coyne
Jeffrey B. Coyne
Senior Vice President, General Counsel and

Corporate Secretary

EXHIBIT INDEX

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