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**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): February 1, 2007**

**POWERWAVE TECHNOLOGIES, INC.**

*(Exact name of registrant as specified in its charter)*

**Delaware**

*(State or other jurisdiction of incorporation or  
organization)*

**000-21507**

*(Commission File Number)*

**11-2723423**

*(I.R.S. Employer Identification No.)*

**1801 E. St. Andrew Place**

**Santa Ana, CA 92705**

*(Address of principal executive offices, zip code)*

**Registrant's telephone number, including area code: (714) 466-1000**

**Former name or former address, if changed since last report: N/A**

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 5.02 DEPARTURE OF DIRECTORS OR PRINCIPAL OFFICERS; ELECTION OF DIRECTORS;  
APPOINTMENT OF PRINCIPAL OFFICERS**

On February 1, 2007, Robert Legendre, Powerwave's Senior Vice President of Global operations tendered his resignation which will be effective February 9, 2007.

**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: February 7, 2007

POWERWAVE TECHNOLOGIES, INC

By: /s/ Kevin T. Michaels

Kevin T. Michaels  
*Chief Financial Officer*