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: February 8, 2005

(Date of earliest event reported)

INTUITIVE SURGICAL, INC.

(exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 000-30713 Commission File Number 77-0416458 (I.R.S. Employer Identification No.)

950 Kifer Road

Sunnyvale, California 94086

(Address of Principal executive offices, including zip code)

(408) 523-2100

(Registrant s telephone number, including area code)

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 he 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 February 8, 2005, Intuitive Surgical issued a press release announcing its financial results for the fourth quarter and year ended December 31, 2004. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference into this Item 2.02.

Item 9.01. Financial Statements and Exhibits.

Press release issued by Intuitive Surgical, dated February 8, 2005.

(2)

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.

INTUITIVE SURGICAL, INC.

Date: February 8, 2005 By /s/ Lonnie M. Smith

Name: Lonnie M. Smith

Title: President and Chief Executive Officer

(3)

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release issued by Intuitive Surgical, dated February 8, 2005.

(4)