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 the earliest event reported): August 7, 2006

NEUROCRINE BIOSCIENCES, INC.

(Exact name of registrant as specified in its charter)

Delaware(State or other jurisdiction of incorporation or organization)

0-22705 (Commission File Number) 33-0525145 (IRS Employer Identification No.)

12790 El Camino Real, San Diego, CA (Address of principal executive offices)

92130 (Zip Code)

Registrant's telephone number, including area code: (858) 617-7600

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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4 (c))

ITEM 2.05 COSTS ASSOCIATED WITH EXIT OR DISPOSAL ACTIVITIES.

On August 7, 2006, Neurocrine Biosciences, Inc. (the "Company") announced staff reductions of approximately 100 employees at its San Diego campus, as part of its restructuring program to prioritize its research and development programs. As a result, the Company communicated to affected employees a plan of organizational restructuring (the "Plan") through involuntary terminations. In connection with the Plan, the Company expects to incur expenses of approximately \$3.6 million related to this staff reduction during the third quarter of 2006, consisting of one-time termination benefits which includes salary continuation, outplacement services and other benefit costs paid out in cash during the third quarter of 2006.

SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: August 7, 2006 NEUROCRINE BIOSCIENCES, INC.

/s/ PAUL W. HAWRAN

Paul W. Hawran

Executive Vice President and Chief Financial Officer