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): May 6, 2010

DELCATH SYSTEMS, INC.

| (I | Exact Name of Registrant as Specified in Ch | arter) |
|---|---|-----------------------------------|
| DELAWARE | 001-16133 | 06-1245881 |
| (State of Incorporation) | (Commission File Number) | (IRS Employer Identification No.) |
| 810 SEVENTH AVE, SUITE 3505 NEW YORK, NEW YORK | | 10019 |
| (Address of Principal Executive Offices) | | (Zip Code) |
| | 00 FIFTH AVENUE, 23 RD FLOOR NEW YORK, NEW YORK address, if changed since last report.) de: (212) 489-2100 | |
| Check the appropriate box below if the Form 8-K following provisions: [] Written communication pursuant to Rule 425 to a Soliciting material pursuant to Rule 14a-12 une to Bule 14a-12 une to a Pre-commencement communications pursuant to a Pre-commencement communications pursuant to a Pre-commencement communications pursuant to Bule 14a-14a-14a-14a-14a-14a-14a-14a-14a-14a- | under the Securities Act (17 CFR 230.425) der the Exchange Act (17 CFR 240.14a-12) to Rule 14d-2(b) under the Exchange Act (1 | * *** |

Item 5.07 Submission of Matters to a Vote of Security Holders

Delcath's Annual Meeting of Stockholders was held on May 6, 2010. Set forth below are the final voting results for each of the proposals submitted to a vote of the shareholders.

1. The nominees for election as Class I Directors, each for a three year term, were elected based upon the following vote:

| Nominees | Votes For | Withheld Authority | Broker Non- Votes |
|-----------------------------------|------------|-----------------------|----------------------|
| Harold S. | 12,546,381 | 1,517,138 | 13,422,568 |
| Koplewicz, M.D. Robert B. Ladd | 12,822,274 | 1,241,245 | 13,422,568 |

2. The proposal to ratify the appointment of Ernst & Young LLP as Delcath's independent registered public accounting firm for the fiscal year ending December 31, 2010 was approved based upon the following votes:

| Votes For | Votes Against | Abstentions |
|------------|---------------|-------------|
| 26,577,384 | 845,802 | 62,901 |

There were no broker non-votes for this item.

3. The proposal to approve an amendment to Delcath's 2009 Stock and Incentive Plan (the "Plan") to increase the total number of shares of Delcath's common stock reserved for issuance under the Plan by 2,200,000 shares, from 2,000,000 to 4,200,000 shares of Delcath common stock, was approved based upon the following votes:

| Votes For | Votes Against | Abstentions | Broker Non- |
|------------|---------------|-------------|-------------|
| | | | Votes |
| 12,023,272 | 1,909,195 | 131,052 | 13,422,568 |

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: May 12, 2010

DELCATH SYSTEMS, INC.

By: /s/ David A. McDonald

Name: David A. McDonald Title: Chief Financial Officer