As filed with the Securities and Exchange Commission on September 14, 2005.

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Amendment No. 3

to Schedule TO

Tender Offer Statement under Section 14(d)(1) or 13(e)(1) of the Securities Exchange Act of 1934

DELCATH SYSTEMS, INC.

(Name of Subject Company (issuer) and Filing Person (offeror))

Redeemable Common Stock Purchase Warrants Issued in 2000 (Title of Class of Securities)

24661P112

(CUSIP Number of Class of Securities)

M. S. Koly
President and Chief Executive Officer
Delcath Systems, Inc.
1100 Summer Street
3rd Floor
Stamford, Connecticut 06905

Stamford, Connecticut 06905 (203) 323-8668

(Name, address and telephone number of person authorized to receive notices and communications on behalf of filing person)

Copies to:
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Two Whitney Avenue
P. O. Box 704
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CALCULATION OF FILING FEE

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Transaction Valuation* \$324,000 Amount of Filing Fee \$ 64.80

Calculated solely for purposes of determining the filing fee under Rule 0-11(a)(4) based on the last sale of the Redeemable Common Stock Purchase Warrants issued by the filing person in 2000 on July 7, 2005 of \$0.27 per warrant.

|X| Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$64.80

Form or Registration No.: Schedule TO-I (File No. 5-60851)

Filing party: Delcath Systems, Inc.

Date filed: July 13, 2005

_ Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.
Check the appropriate boxes below to designate any transactions to which the statement relates:
\mid _ \mid third party tender offer subject to Rule 14d-1.
X issuer tender offer subject to Rule 13e-4.
\mid _ \mid going-private transaction subject to Rule 13e-3.
\mid _ \mid amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer: $|{\sf X}|$

This Amendment No. 3 to the Issuer Tender Offer Statement on Schedule TO (this "Amendment No. 3 to the Schedule TO") relates to the offer (the "Exchange Offer") by Delcath Systems, Inc., a Delaware corporation (the "Company"), to exchange any or all of the Company's 1,200,000 Redeemable Common Stock Purchase Warrants that it issued in connection with its initial public offering in 2000 (the "2000 Warrants") for the Company's 2005 Redeemable Common Stock Purchase Warrants - Series A (the "Exchange Warrants").

This Amendment No 3 to the Schedule TO is being filed to satisfy the requirement of Rule 13e-4(c)(4) promulgated under the Securities Exchange Act of 1934, as amended, that the Company report the results of the Exchange Offer.

As of the expiration of the Exchange Offer at 5:00 P.M., New York time, on September 9, 2004, a total of 989,544 2000 Warrants were tendered for an equal number of Exchange Warrants out of a total of 1,200,000 2000 Warrants that had been outstanding prior to the Exchange Offer.

SIGNATURE

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Amendment No. 3 to the Schedule TO is true, complete and correct.

DELCATH SYSTEMS, INC.

By: /s/ M. S. KOLY

M. S. Koly

President and Chief Executive

Officer

Date: September 14, 2005