

**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): **August 27, 2010**

NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or Other Jurisdiction of
Incorporation)

001-11038
(Commission File Number)

41-0857886
(I.R.S. Employer Identification
Number)

**4201 Woodland Road
P.O. Box 69
Circle Pines, Minnesota**
(Address of Principal Executive Offices)

55014
(Zip Code)

(763) 225-6600
(Registrant's Telephone Number, Including Area Code)

Not Applicable
(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:

- 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 Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

(b) On August 27, 2010, Donald A. Kubik, Ph.D. resigned as a member of the Board of Directors of Northern Technologies International Corporation ("NTIC"), effective immediately. Dr. Kubik previously resigned as Chief Technology Officer of NTIC in June 2009. NTIC wishes to thank Dr. Kubik for his many years of service to NTIC, both as an executive officer and as a member of the Board of Directors. Although Dr. Kubik has resigned as a voting member of NTIC's Board of Directors, he will remain as a Director Emeritus and consult on special projects.

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SIGNATURE

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.

NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION



By:

Matthew C. Wolsfeld
Chief Financial Officer and Corporate Secretary

Dated: August 30, 2010