

**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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): January 13, 2010 (January 13, 2010)

STEEL DYNAMICS, INC.

(Exact name of registrant as specified in its charter)

Indiana
(State or other jurisdiction
of incorporation)

0-21719
(Commission File Number)

35-1929476
(IRS Employer
Identification No.)

7575 West Jefferson Blvd, Fort Wayne, Indiana 46804
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: 260-969-3500

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 8.01. Other Events.

On January 13, 2010, Steel Dynamics, Inc. issued a press release titled "Steel Dynamics Announces First Production of Mesabi Nuggets." The full text of the press release is furnished herewith and attached hereto as Exhibit 99.1

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

<u>Exhibit Number</u>	<u>Description</u>
99.1	A press release dated January 13, 2010, titled "Steel Dynamics Announces First Production of Mesabi Nuggets."

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 hereto duly authorized.

STEEL DYNAMICS, INC.

/s/Theresa E. Wagler

Date: January 13, 2010

By: Theresa E. Wagler
Title: Chief Financial Officer

Steel Dynamics Announces First Production of Mesabi Nuggets

FORT WAYNE, INDIANA, January 13, 2010— Steel Dynamics, Inc. (NASDAQ/GS: STLD) today announced the production on January 12, 2010, of the first batch of iron nuggets at the Mesabi Nugget facility at Hoyt Lakes, Minnesota.

Utilizing the ITmk3® process developed by Kobe Steel, the plant began commissioning in the fourth quarter of 2009. By the end of December 2009, all individual production systems were operational, and ready for the integration of the overall process to produce nuggets. Today's announcement marks a milestone in that this is the world's first commercial production of nuggets using the ITmk3 process. The process has the potential, ultimately, to revolutionize ironmaking, and indirectly, steelmaking.

Steel Dynamics has built the Minnesota nugget plant in cooperation with Kobe Steel Ltd. of Japan, which has licensed the technology and provided equipment and technical support. Steel Dynamics, with 81 percent ownership, is responsible for operation of the plant and expects to utilize a substantial portion of the plant's output as feedstock for SDI's electric-arc furnace mini mills in Indiana. The start-up marks the completion of two years of construction.

"I salute all those who have worked so hard to bring this exciting project to fruition, including Kobe Steel and the State of Minnesota, as well as the Mesabi Nugget team led by Mark Millett, and numerous employees of Iron Dynamics, who have contributed engineering and operational expertise to the project," said Keith Busse, Chairman and CEO. "We will now continue to ramp up nugget production, seeking to reach the anticipated capacity-rate of 500,000 tonnes per year by mid-year. We expect to begin utilizing Mesabi nuggets at our Flat Roll mill during the first quarter."

Forward-Looking Statements

This press release contains some predictive statements about future events, including statements related to start-up and successful operation of iron-producing facilities and the future use in our steelmaking operations of the resources produced at these facilities. These statements are intended to be made as "forward-looking," subject to many risks and uncertainties, within the safe harbor protections of the Private Securities Litigation Reform Act of 1995. Such predictive statements are not guarantees of future performance, and actual results could differ materially from our current expectations.

Factors that could cause such predictive statements to turn out other than as anticipated or predicted include, among others: increased prices involving raw materials; risks and uncertainties involving start-up operations, new products or new technologies; increases in energy costs; occurrence of unanticipated equipment failures and plant outages; governmental actions or regulations affecting environmental permits or costs of operation; and the effect of the elements on production or consumption.

In addition, we refer you to SDI's detailed explanation of these and other factors and risks that may cause such predictive statements to turn out differently, as set forth in our most recent Annual Report on Form 10-K and in other reports which we from time to time file with the Securities and Exchange Commission, available publicly on the SEC Web site, www.sec.gov, and on the Steel Dynamics Web site, www.steeldynamics.com

Forward-looking or predictive statements we make are based on our knowledge of our businesses and the environment in which they operate as of the date on which the statements were made. Due to these risks and uncertainties, as well as matters beyond our control which can affect forward-looking statements, you are cautioned not to place undue reliance on these predictive statements, which speak only as of the date of this press release. We undertake no duty to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.