



State of Ohio Environmental Protection Agency

Northwest District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Marion County
Premise #0351010017
Nucor Steel Marion, Inc.
Stack Test
Notice of Violation (NOV)/HPF

Certified Mail

April 6, 2007

Ms. Rebecca Kabat
Nucor Steel Marion, Inc.
912 Cheney Avenue
Marion, Ohio 43302

Dear Ms. Kabat:

The stack test conducted on November 17, 2006 on Ohio EPA emission unit P009 has been reviewed. The testing was found to have been conducted in conformance with Ohio EPA methods and procedures. Our review confirms the following reported data is accurate:

**Critical Test Data
(In Three Run Averages)**

Pollutant	Actual Emission Rate	Allowable Emission Rate	Product Throughput	Maximum Product Throughput	Heat Input	Maximum Heat Input
NO _x	96.44 lbs/hr	84.54 lbs/hr	93.3 tons/hr	96 tons/hr	96.9 mmBTU/hr	130 mmBTU/hr
CO	0.58 lbs/hr	11.29 lbs/hr	92.4 tons/hr	96 tons/hr	100.5 mmBTU/hr	130 mmBTU/hr

During the test, the source was operating at only 77.3 % of its maximum heat input rate for CO and 74.5% of its maximum heat input rate for NO_x. Because the source was not operated at its maximum heat input rate, Ohio EPA and USEPA cannot accept the results as demonstration with the current permit requirement that the emission unit be operated at its maximum capacity during the tests. In addition, based on the actual rate for NO_x, the company is operating the

