

September 4, 2001

Mr. David Sulc, Environmental Engineer
Nucor Steel
Rural Route 2, Box 311
Crawfordsville, Indiana 47933

Re: Experimental Operation
EO No. 107-14777-00038

Dear Mr. Sulc:

On August 9, 2001, Nucor Steel, Crawfordsville, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to perform a mill scale screening operation as a temporary operation.

Experimental Operation General Information

Unit:	Mill Scale operation
Location of the Operation:	Crawfordsville, Indiana
County:	Montgomery
County Status:	Attainment
Purpose of the Operation:	To screen mill scale to see if acceptable to potential customer
Starting Date of the Operation:	August 27, 2001
Duration of the Operation:	The experimental operation ceases on September 21, 2001
Testing parameters:	PM, PM10

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(g)(3), the above mentioned temporary operation and experimental trial shall satisfy the following requirements:

1. The potential emissions from the operation should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(g)(3)(A)]
2. The operation should not be a major source or modification as defined under 326 IAC 2-2, 326 IAC 2-3 or 326 IAC 2-7. [326 IAC 2-1.1-3(g)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention. [326 IAC 2-1.1-3(g)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]
4. The experimental trial should not be part of the existing normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]

5. The duration of the experimental operation should not exceed 30 days of actual operation. [326 IAC 2-1.1-3(g)(3)(D)]
6. The source shall submit a report containing the following information, seven (7) days after the conclusion of the experimental operation: [326 IAC 2-1.1-3(g)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.
7. The report shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
P.O. Box 6015
Indianapolis, Indiana 46206-6015
8. This approval expires after 30 days of actual operating time of the experimental operation.

If you have any questions regarding this approval, please contact Melissa Groch of my staff at 317-233-8397 or at 1-800-451-6027, ask for extension 3-8397.

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

MMG

Enclosure: Experimental Trial Operation Report (1 page)

cc: File - Montgomery County
Montgomery County Health Department
Air Compliance Section - Dick Sekula
Compliance Data Section - Karen Novak
Title V Application File- Permits Administration

**Indiana Department of Environmental Management
Office of Air Quality
Permit Branch**

Experimental Trial Operation Report

Source Name: Nucor Steel
Source Location: Rural Route 2, Box 311, Crawfordsville, Indiana 47933
County: Montgomery
EO No.: 107-14777-00038
Approval Reviewer: Melissa Groch

Milestone Schedule	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

cc: Air Compliance Section - Dick Sekula