

P 062 921 917



### Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sender to <i>D.L. Meredith</i>	
Street and No. <i>Gla. Steel Corp</i>	
P. O., State and Zip Code <i>Tampa, FL</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>11-6-92</i> <i>AC 29-216544</i>	

PS Form 3800, June 1991

PS Form 3811, July 1983 447-845

**SENDER:** Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to:  
*Mr. D.L. Meredith, Plant Mgr.*  
*Gla. Steel Corp.*  
*Tampa Mill Div.*  
*PO BOX 31328*  
*Tampa, FL 33631*

4. Type of Service:	Article Number
<input checked="" type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured <input type="checkbox"/> COD <i>P062 921 917</i>

Always obtain signature of addressee or agent and **DATE DELIVERED.**

- Signature - Addressee  
*X*
- Signature - Agent  
*X*
- Date of Delivery  
*NOV 9 1992*
- Addressee's Address (*ONLY if requested and fee paid*)

DOMESTIC RETURN RECEIPT



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF PERMIT

In the matter of an  
Application for Permit by:

DER File No. AC 29-216544  
Hillsborough County

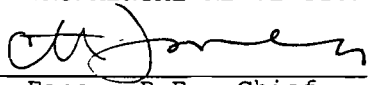
Mr. D. L. Meredith  
Plant Manager  
Florida Steel Corporation  
Tampa Mill Division  
Post Office Box 31328  
Tampa, FL 33631

Enclosed is Permit Number AC 29-216544 to increase the allowable fill rate of the dust accumulation silo, which receives pneumatically conveyed dust from the electric arc furnace at Florida Steel Corporation's Tampa Mill in Hillsborough County, Florida. This permit is issued pursuant to Section(s) 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 11-6-92 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,  
on this date, pursuant to  
§120.52(11), Florida Statutes,  
with the designated Department  
Clerk, receipt of which is hereby  
acknowledged.

  
(Clerk)

11-6-92  
(Date)

Copies furnished to:

B. Thomas, SWD  
S. Woodard, EPCHC  
T. Sack, P.E., FSC  
J. Alves, Esq., HBG&S

Final Determination

Florida Steel Corporation-Baldwin Mill  
Hillsborough County  
Tampa, Florida

Construction Permit No.  
AC 29-216544

Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

November 6, 1992

Final Determination

Florida Steel Corporation-Tampa Mill

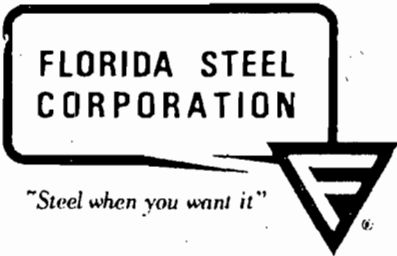
Hillsborough County

AC 29-216544

The construction permit application package has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in The Tampa Tribune on October 2, 1992. The Department's Intent to Issue package was distributed on September 23, 1992, and available for public inspection at the Department's Southwest District office, the Department's Bureau of Air Regulation office, and the Environmental Protection Commission of Hillsborough County (EPCHC).

A comment was received during the public notice period. The comment was received via the phone from Mr. Jim Alves, counsel for the mill for this activity, and regarded Specific Condition No. 16 of the proposed construction permit. The condition is a canned condition made from F.A.C. Rules 17-2.220 and 17-4.055, regarding the requirements to obtain an operation permit. Since the EPCHC is just awaiting approval and signature of this modification in order to incorporate it into an operation permit, which was applied for prior to applying for this modification, then the specifics of the condition are considered to have been satisfied; and, there will be no changes made to the proposed construction permit.

Therefore, it is recommended that the construction permit be issued as drafted.



STEEL MILL GROUP

1715 CLEVELAND ST. • P.O. BOX 31328 • TAMPA, FL 33631

October 9, 1992

Mr. Bruce Mitchell, P.E.  
 Division of Air Resources Management  
 Department of Environmental Regulation  
 Twin Towers Office Building  
 2600 Blair Stone Road, Room 310D  
 Tallahassee, FL 32399-2400

Faxed/Airborne

RECEIVED

OCT 12 1992

Re: Florida Steel Corporation  
 Tampa Mill  
 DER File No. AC 29-216544

Bureau of  
 Air Regulation

Dear Mr. Mitchell:

Enclosed is the notarized copy of the Notice of Intent to Issue Permit that ran in the Tampa Tribune on October 2, 1992. The original notarized copy will be sent today by airborne for Monday delivery.

Sincerely,

FLORIDA STEEL CORPORATION

Anne Cazares  
 Environmental Affairs Specialist

AC/pab

Enclosures: (1)

cc: Jim Alves  
 Tom Sack  
 Jim Turner

*R. Thomas, contact*  
*in Mitchell 10/10/92*

State of Florida  
County of Hillsborough

Before the undersigned authority personally appeared R. Putney, who on oath says that he is Accounting Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

in the matter of  
STATE OF FLORIDA

was published in said newspaper in the issues of

OCTOBER 2, 1992

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*R. Putney*

Sworn to and subscribed before me, this 7 day  
of OCTOBER, A.D. 19 92

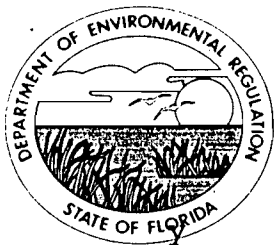
*Ina S Kennedy*

(SEAL)

INA S. KENNEDY  
Notary Public, State of Florida  
My comm. expires Mar. 22, 1996  
No. CC-187731



Notice of intent to issue  
The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit to Florida Steel Corporation-Tampa Mill Division, 7105 6th Avenue, Tampa, Hillsborough County, Florida 33622, to increase the allowable fire rate of the dust accumulation silo, which receives dust from the electric arc furnace operations. There will be no change in the operation of the associated refractory dust loading spout. Also, there will be no change in the allowable particulate matter and visible emission limiting standards from the No. 14 baghouse control systems, which services the electric arc furnace operations (AC #151192). Also, the dust accumulation silo and associated dust loading spout is serviced by the No. 2 baghouse control system. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this intent to issue for the reasons stated.  
A person whose substantial interests are affected by the Department's proposed permitting action may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.  
The Petition shall contain the following information:  
(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;  
(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;  
(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;  
(d) A statement of the material facts disputed by Petitioner, if any;  
(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;  
(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;  
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.  
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel of the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.  
The application/request is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Department of Environmental Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Department of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Environmental Protection Commission of Hillsborough County  
1410 N. 21st Street  
Tampa, Florida 33605  
Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.  
4531 10/2/92



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

## PERMITTEE:

Florida Steel Corporation  
Tampa Mill Division  
Post Office Box 23328  
Tampa, Florida 33623

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994  
County: Hillsborough  
Latitude/Longitude: 27°57'18"N  
82°22'34"W  
Project: Dust Accumulation Silo  
Modification; and, Assoc.  
Dust Loading Spout

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the modification of the dust accumulation silo to allow an increase in the filling rate, with no increase in the allowable emission limit of particulate matter (PM). There is no change in the operation of the associated retractable dust loading spout. Dust is conveyed from the Nos. 1-4 baghouse control systems to the silo via a pneumatic system using carrier air from a positive displacement blower rated at 320 acfm. The loading spout gravity-feeds the silo dust into trucks or rail-cars located inside a building through an inner tube, which is surrounded by a concentric outer tube, thus creating an annular area through which air is moved upward (to eliminate fugitive emissions) by a blower rated at 1000 acfm. PM and visible emissions from the silo and loading spout are controlled by the No. 2 baghouse system, a Wheelabrator Model 171 with a flow rate of 91,000 acfm. The electric arc furnace operations are controlled by the Nos. 1-4 baghouse systems. The project will occur at the permittee's facility located at 7105 6th Avenue, Tampa, Florida. The UTM coordinates are Zone 17, 364.6 km East and 3093.8 km North.

The Standard Industrial Code is: Steel Production - 3312

The Standard Classification Codes are:

o Dust Accumulation Silo	3-04-007-99	Tons Produced
o Loading Spout-fugitives	3-04-888-01	Tons Product

The source shall be constructed/modified in accordance with the permit application, plans, documents, amendments, drawings, and supplementary information, except as otherwise noted in the General and Specific Conditions.

**PERMITTEE:**  
Florida Steel Corporation  
Tampa Mill Division

**Permit Number:** AC 29-216544  
**Expiration Date:** July 31, 1994

**Attachments to be Incorporated:**

1. Request for a Modification received July 20, 1992, from Mr. James S. Alves.
2. Sealed request for a modification received August 10, 1992, from Mr. Tom Sack.
3. Technical Evaluation and Preliminary Determination dated September 23, 1992.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.



PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**GENERAL CONDITIONS:**

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and,
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**GENERAL CONDITIONS:**

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and,
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. Permitted hours of operation are 8760.
2. The maximum fill rate of the dust accumulation silo is 4,816 lbs/hr.
3. The maximum loading rate of the retractable dust loading spout is 540,000 lbs/hr.
4. For nonattainment review purposes pursuant to F.A.C. Rule 17-2.510, there will not be any potential/allowable particulate matter (PM) emission limit assigned to the dust accumulation silo and associated dust loading spout. Pursuant to construction permit, No. AC 29-159192 (No. 4 electric arc furnace), the allowable mass PM emission limit will not be increased.
5. Any request to increase the PM allowable mass emissions (i.e., lbs/hr, TPY) related to the dust accumulation silo and associated dust loading spout, pursuant to construction permit No. AC 29-159192 and this permit, shall require a permit application for a modification and the appropriate processing fee.
6. For the No. 2 baghouse control system servicing the dust accumulation silo and associated dust loading spout, the PM and visible emissions limiting standards shall be in accordance with 40 CFR 60.272a.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**SPECIFIC CONDITIONS:**

7. This construction permit and its conditions shall be incorporated into the construction permit, No. AC 29-159192, and shall become a part of the permit.

8. Compliance tests shall be conducted on the Nos.1-4 baghouse control systems with all of its associated sources operating at a minimum of 90% of their maximum permitted rates using the following test methods pursuant to F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A:

- o EPA Methods 1- 5 (including 5D) - Determination of Particulate Emissions from Stationary Sources
- o EPA Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources

Note: Other test methods may be used only if prior Departmental approval has been granted in writing pursuant to F.A.C. Rule 17-2.700(3).

9. Any change in the dust accumulation silo or associated dust loading spout pursuant to F.A.C. Rule 17-2.100, Definitions-Modification, shall be submitted for approval to the Department's Bureau of Air Regulation office, the Department's Southwest District office, and the Environmental Protection Commission of Hillsborough County (EPCHC).

10. Objectionable odors shall not be allowed off plant property pursuant to F.A.C. Rule 17-2.620(2).

11. The dust accumulation silo and associated dust loading spout are subject to all applicable provisions of F.A.C. Chapters 17-2 and 17-4 and 40 CFR (July, 1991 version).

12. The dust accumulation silo and associated dust loading spout are subject to the provisions of F.A.C. Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; and, 17-4.130: Plant Operation-Problems.

13. The Department's Southwest District and EPCHC offices shall be notified in writing 15 days prior to compliance testing and the reports are to be submitted to these offices no later than 45 days after the last test run is completed.

14. This permit supersedes all other air permits issued for the dust accumulation silo and associated dust loading spout.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

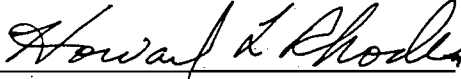
Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**SPECIFIC CONDITIONS:**

15. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration date of the permit (F.A.C. Rule 17-4.090).

16. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed while noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-2.220).

Issued this 6 day  
of November, 1992  
STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
Howard L. Rhodes  
Director  
Division of Air Resources  
Management

Attachments Available Upon Request



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Howard L. Rhodes  
FROM: Clair Fancy *CF*  
DATE: November 5, 1992  
SUBJ: Approval of Construction Permit No. AC 29-216544  
Florida Steel Corporation-Tampa Mill  
Dust Accumulation Silo  
Hillsborough County

Attached for your approval and signature is a modification prepared by the Bureau of Air Regulation for the above referenced company.

The modification will allow an increase in the fill rate of the dust accumulation silo, which receives pneumatically conveyed dust from the electric arc furnace operations. The fill rate was capped in a previous permitting activity (AC 29-149720) and considered federally enforceable. Even so, the company applied for an operation permit and requested an increase in the allowable fill rate. The company was informed by the Environmental Protection Commission of Hillsborough County that it would have to obtain a modification of the silo fill rate because of the previous cap. In the meantime, issuance of the operation permit has been put on hold while the company seeks approval of this modification. Upon approval, the modification will be incorporated into the operation permit.

Florida Steel Corporation melts scrap steel in an electric arc furnace to make steel billets, which are later reheated in a billet reheat furnace and rolled into rebar steel. The facility is located in Tampa, Hillsborough County, Florida.

There was one comment received during the public notice period. The comment was addressed in the Final Determination and had no affect on the Department's Intent package.

I recommend your approval and signature.

CHF/BM/rbm

Attachments

→ P5/20

Check Sheet

Company Name: *PI Steel*  
Permit Number: *AC 29-210544*  
PSD Number:  
County:  
Permit Engineer:  
Others involved:

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response
- Other

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit
- Correspondence with:
  - EPA
  - Park Services
  - County
  - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)
- Other

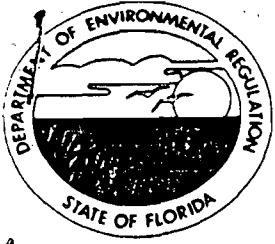
Final Determination:

- Final Determination
- Signed Permit
- BACT Determination
- Other

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services
- Other





Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

FAX TRANSMITTAL SHEET

NAME(S): Jim Alves

DEPARTMENT/COMPANY: Happy Bayd Green & Sams

DATE: 10-21-92

PHONE: ~~904-224-8551~~ 904-224-8551

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 2

\*\*\*\*\*

FROM: Bruce Mitchell

DIVISION OF AIR RESOURCES MANAGEMENT

BUREAU: of Air Regulation

OFFICE PHONE: 904-488-1344 FAX PHONE: (904)922-6979

SENDER: Sam

COMMENTS: Please let me know (FAX if possible) what you think? I will try to get it thru Clair tomorrow morning for signature (he will be out the rest of the week). Thanks for reviewing. BML

HAVE A NICE DAY!



MESSAGE CONFIRMATION

OCT-21-'92 WED 16:22

TERM ID: DIV OF AIR RES MGMT P-9999

TEL NO: 904-922-6979

NO.	DATE	ST. TIME	TOTAL TIME	ID	DEPT CODE	OK	NG
819	10-21	16:21	00'01'20	904 224 8551		02	00

Final Determination  
Florida Steel Corporation-Tampa Mill  
Hillsborough County

The construction permit application package has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in The Tampa Tribune on October 2, 1992. The Department's Intent to Issue package was distributed on September 23, 1992, and available for public inspection at the Department's Southwest District office, the Department's Bureau of Air Regulation office, and the Environmental Protection Commission of Hillsborough County (EPCHC).

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Therefore, it is recommended that the construction permit be issued as drafted.

**FLORIDA STEEL  
CORPORATION**

"Steel when you want it"

**STEEL MILL GROUP**

1715 CLEVELAND ST. • P.O. BOX 31328 • TAMPA, FL 33631

October 9, 1992

Mr. Bruce Mitchell, P.E.  
Division of Air Resources Management  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road, Room 310D  
Tallahassee, FL 32399-2400

Faxed/Airborne

**RECEIVED**

**OCT 12 1992**

Bureau of  
Air Regulation

Re: **Florida Steel Corporation**  
**Tampa Mill**  
**DER File No. AC 29-216544**

Dear Mr. Mitchell:

Enclosed is the notarized copy of the Notice of Intent to Issue Permit that ran in the Tampa Tribune on October 2, 1992. The original notarized copy will be sent today by airborne for Monday delivery.

Sincerely,

FLORIDA STEEL CORPORATION

*Anne Cazares*

Anne Cazares  
Environmental Affairs Specialist

AC/pab

Enclosures: (1)

cc: Jim Alves  
Tom Sack  
Jim Turner  
*B. Thomas, SW Dept*  
*G. Campbell, EPCHC*

*rec'd via fax*

*10/9/92*

*14:38*

**THE TAMPA TRIBUNE**  
 Published Daily  
 Tampa, Hillsborough County, Florida

State of Florida }  
 County of Hillsborough } ss.

*Before the undersigned authority personally appeared  
 R. Putney, who on oath says that he is Accounting Manager of The Tampa  
 Tribune, a daily newspaper published at Tampa in Hillsborough County, Flori-  
 da; that the attached copy of advertisement being a*

.....  
 LEGAL NOTICE  
 .....  
 in the matter of .....  
 STATE OF FLORIDA  
 .....  
 was published in said newspaper in the issues of .....  
 OCTOBER 2, 1992

*Affiant further says that the said The Tampa Tribune is a newspaper published at  
 Tampa, in said Hillsborough County, Florida, and that the said newspaper has here-  
 tofore been continuously published in said Hillsborough County, Florida, each day  
 and has been entered as second class mail matter at the post office in Tampa, in said  
 Hillsborough County, Florida, for a period of one year next preceding the first pub-  
 lication of the attached copy of advertisement; and affiant further says that he has  
 neither paid nor promised any person, firm, or corporation any discount, rebate, com-  
 mission or refund for the purpose of securing this advertisement for publication in the  
 said newspaper.*


*R. Putney*

Sworn to and subscribed before me, this.....7.....day  
 of .....OCTOBER....., A.D. 19 92.

*Ima S Kennedy*

(SEAL)

INA S. KENNEDY  
 Notary Public, State of Florida  
 My comm. expires Mar. 22, 1996  
 No. CC:187731



State of Florida  
 Department of Environmental  
 Regulation  
 Notice of Intent to Issue  
 The Department of Environ-  
 mental Regulation hereby  
 gives notice of its intent to  
 issue an air construction per-  
 mit to Florida Steel Corpora-  
 tion-Tampa Mill Division, 7105  
 6th Avenue, Tampa, Hillsbor-  
 ough County, Florida 33623, to  
 increase the allowable fill rate  
 of the dust accumulation silo,  
 which receives dust from the  
 electric arc furnace opera-  
 tions. There will be no change  
 in the operation of the associ-  
 ated retractable dust loading  
 spout. Also, there will be no  
 change in the allowable particu-  
 late matter and visible emis-  
 sion limiting standards from  
 the Nos. 1-4 baghouse control  
 systems, which services the  
 electric arc furnace operations  
 (AC 29-159192); also, the dust  
 accumulation silo and associated  
 dust loading spout is serviced  
 by the No. 2 baghouse control  
 system. A determination of Best  
 Available Control Technology  
 (BACT) was not required. The  
 Department is issuing this intent  
 to issue for the reasons stated.

A person whose substantial  
 interests are affected by the  
 Department's proposed permit-  
 ting decision may petition for  
 an administrative proceeding  
 (hearing) in accordance with  
 Section 120.57, F.S. The peti-  
 tion must contain the informa-  
 tion set forth below and must  
 be filed (received) in the  
 Office of General Counsel of  
 the Department at 2600 Blair  
 Stone Road, Tallahassee,  
 Florida 32399-2400, within  
 fourteen (14) days of publica-  
 tion of this notice. Petitioner  
 shall mail a copy of the peti-  
 tion to the applicant at the  
 address indicated above at the  
 time of filing. Failure to file  
 a petition within this time  
 period shall constitute a waiver  
 of any right such person may  
 have to request an administra-  
 tive determination (hearing)  
 under Section 120.57, F.S.

The Petition shall contain  
 the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and

to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application/request is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
 Department of Environmental Regulation  
 Bureau of Air Regulation  
 2600 Blair Stone Road  
 Tallahassee, Florida  
 32399-2400

Department of Environmental Regulation  
 Regulation District  
 4520 Oak Fair Boulevard  
 Tampa, Florida 33610-7347  
 Environmental Protection Commission of Hillsborough County  
 1410 N. 21st Street  
 Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.  
 4531 10/2/92

HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

(904) 222-7500

FAX (904) 224-8551

CARLOS ALVAREZ  
JAMES S. ALVES  
BRIAN H. BIBEAU  
KATHLEEN BLIZZARD  
ELIZABETH C. BOWMAN  
WILLIAM L. BOYD, IV  
RICHARD S. BRIGHTMAN  
PETER C. CUNNINGHAM  
THOMAS M. DEROSE  
WILLIAM H. GREEN  
WADE L. HOPPING  
FRANK E. MATTHEWS  
RICHARD D. MELSON  
WILLIAM D. PRESTON  
CAROLYN S. RAEPPLE  
GARY P. SAMS  
ROBERT P. SMITH  
CHERYL G. STUART

C. ALLEN CULP, JR.  
RALPH A. DEMEO  
JAMES C. GOODLETT  
RICHARD W. MOORE  
ANGELA R. MORRISON  
MARIBEL N. NICHOLSON  
LAURA BOYD PEARCE  
GARY V. PERKO  
MICHAEL P. PETROVICH  
DOUGLAS S. ROBERTS  
JULIE B. ROME  
KRISTIN C. RUBIN  
CECELIA C. SMITH  
OF COUNSEL  
W. ROBERT FOKES

October 6, 1992

Mr. Bruce Mitchell, P.E.  
Division of Air Resources Management  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road, Room 310D  
Tallahassee, FL 32399-2400

Re: Florida Steel Corporation  
Tampa Mill  
DER File No. AC 29-216544

Dear Bruce:

I have reviewed the Intent to Issue concerning the referenced permit, which relates to a minor modification increasing the dust accumulation silo filling rate at Florida Steel's Tampa Mill.

Specific Condition No. 16 of this permit contemplates that Florida Steel will submit an application for an operation permit at some point in the future. However, the DER Southwest District Office and Hillsborough County EPC presently intend to issue an operation permit that reflects the new fill rate (4,816 lbs/hr), as set forth in the modified construction permit. In fact, Florida Steel requested this construction permit modification so that the revised fill rate could be included in the pending operation permit. (Please refer to pp. 2 and 3 of Florida Steel's August 5, 1992 application for modification.) The modification to the construction permit concerns an aspect of facility operations; there is nothing to "construct."

Is it possible that we can delete Specific Condition No. 16 from the modified construction permit, or agree that Florida Steel's pending application for an operation permit satisfies that condition?

If you can, please give me a call as soon as possible; the 14 day "window" for adjusting the permit expires tomorrow.

RECEIVED

OCT 6 1992

Division of Air  
Resources Management

Bruce Mitchell, P.E.  
October 6, 1992  
Page 2

As always, Florida Steel appreciates your assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jim", written in black ink.

James S. Alves

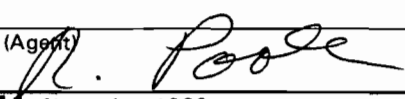
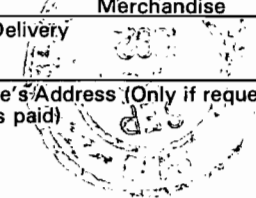
/kkm

P 062 922 000

PS Form 3800, June 1991

**Receipt for Certified Mail**  
 No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sept. 10	Mr. D. L. Meredith, Fl Steel
Street and No.	P O Box 23328
P.O., State and ZIP Code	Tampa, FL 33623
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	Mailed: 9-23-92 Permit: AC 29-216544

<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: Mr. D. L. Meredith, Plant Mgr. Florida Steel Corp., Tampa Mill P. O. Box <del>23328</del> 31328 Tampa, FL <del>33728</del> 33631		4a. Article Number P 062 922 000	
		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
		7. Date of Delivery	
5. Signature (Addressee)		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent) 			

File Copy



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

September 23, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. D. L. Meredith  
Plant Manager  
Florida Steel Corporation  
Tampa Mill Division  
7105 6th Avenue  
Post Office Box 23328  
Tampa, Florida 33623

Dear Mr. Meredith:

Attached is one copy of the Department's Intent to Issue a construction permit for an increase in the allowable fill rate of the dust accumulation silo, which receives pneumatically conveyed dust from the electric arc furnace operations. There will be no change in the operation of the associated retractable dust loading spout.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/BM/rbm

### Attachments

- c: B. Thomas, SWD
- S. Woodard, EPCHC
- T. Sack, P.E., FSC
- J. Alves, Esq., HBG&S *picked-up 9-23-92 RA*
- Ready File } *9-23-92 RA*
- Bruce Mitchell }



Printed with Soy Based Inks



BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permit by:

Florida Steel Corporation  
Tampa Mill Division  
Post Office Box 23328  
Tampa, Florida 33623

DER File No. AC 29-216544

---

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit (copy attached). The Department is issuing this Intent to Issue for the reasons stated below.

The applicant, Florida Steel Corporation, received an air construction permit on August 5, 1988, to construct a dust accumulation silo and associated retractable dust loading spout. The allowable filling rate of the silo was established. The permittee now wants to increase the allowable filling rate (2,643 lbs/hr to 4,816 lbs/hr), with no increase in the allowable particulate matter emissions (AC 29-159192). Therefore, the purpose of this agency action is to issue a construction permit to reflect the modification to the dust accumulation silo.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The project is not exempt from permitting procedures. The Department has determined that the issuance of an air construction permit is necessary for federal enforceable reasons.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue a Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be the one with significant circulation in the area that may be affected by the permitting action. If you are uncertain that a newspaper meets these requirements, please contact the Department

at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the proposed permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

Any person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S..

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

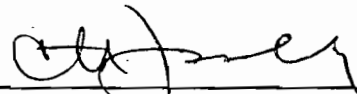
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request

have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

Copies furnished to:

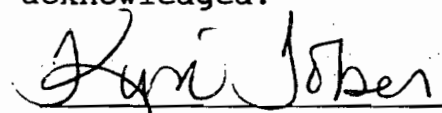
B. Thomas, SWD  
S. Woodard, EPCHC  
T. Sack, P.E., FSC  
J. Alves, Esq., HBG&S

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on

9/23/92

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

  
Clerk

9/23/92  
Date

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit to Florida Steel Corporation-Tampa Mill Division, 7105 6th Avenue, Tampa, Hillsborough County, Florida 33623, to increase the allowable fill rate of the dust accumulation silo, which receives dust from the electric arc furnace operations. There will be no change in the operation of the associated retractable dust loading spout. Also, there will be no change in the allowable particulate matter and visible emission limiting standards from the Nos. 1-4 baghouse control systems, which services the electric arc furnace operations (AC 29-159192); also, the dust accumulation silo and associated dust loading spout is serviced by the No. 2 baghouse control system. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application/request is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Environmental Protection Commission of Hillsborough County  
1410 N. 21st Street  
Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation  
and  
Preliminary Determination

Florida Steel Corporation  
Hillsborough County  
Tampa, Florida

Construction Permit Number  
AC 29-216544

Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

September 23, 1992

## I. Application

### A. Applicant

Florida Steel Corporation  
Tampa Mill Division  
Post Office Box 23328  
Tampa, Florida 33623

### B. Project and Location

The applicant has requested a modification to the dust accumulation silo to allow an increase in the filling rate, with no increase in the allowable emission limit of particulate matter (PM). There will be no change in the operation of the associated retractable dust loading spout. The project will occur at the applicant's facility located at 7105 6th Avenue, Tampa, Hillsborough County, Florida. The UTM Coordinates are Zone 17, 364.6 km East and 3,093.8 km North.

### C. Process and Controls

The collected dust from the electric arc furnace operations is conveyed to and stored in the dust accumulation silo via a pneumatic system using carrier air from a positive displacement blower rated at 320 acfm. The loading spout gravity-feeds the silo dust into trucks or rail-cars located inside a building through an inner tube, which is surrounded by an outer tube, thus creating an annular area which air is moved upward (to control PM fugitive emissions) by a blower rated at 1,000 acfm.

The No. 2 baghouse control system, a Wheelabrator Model 171 with flow rate of 91,000 acfm, services both the dust accumulation silo and the associated dust loading spout. Also, the Nos. 1-4 baghouse control systems service the electric arc furnace operations.

D. The Source Industrial Code is: Steel Production -3312

E. The Source Classification Codes are:

- |                           |             |               |
|---------------------------|-------------|---------------|
| o Dust Accumulation Silo  | 3-04-007-99 | Tons Produced |
| o Loading Spout-fugitives | 3-04-888-01 | Tons Product  |

## II. Rule Applicability

The proposed project is subject to preconstruction review pursuant to Chapter 403, Florida Statutes, Florida Administrative Code (F.A.C.) Rules 17-2 and 17-4, and 40 CFR (July, 1991 version).

The application package was deemed complete on August 10, 1992.

The facility is located in an area designated nonattainment for the pollutant PM in accordance with F.A.C. Rule 17-2.410(a)1.

Even though it is assumed that there is a slight increase in actual PM emissions with the increase in the allowable dust accumulation silo's filling rate (2,643 lbs/hr to 4,816 lbs/hr), the change is assumed to be negligible (i.e., < 1 TPY). Therefore, the project is subject to review pursuant to F.A.C. Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements.

The PM and visible emission limiting standards shall be in accordance with 40 CFR 60.272a and as established in the air construction permit No. AC 29-159192 (No. 4 electric arc furnace).

The dust accumulation silo and associated retractable dust loading spout are subject to the applicable provisions of F.A.C. Chapters 17-2 and 17-4; also, F.A.C. Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; 17-2.620(2): General Pollutant Emission Limiting Standards- Objectionable Odors; 17-2.660: Standards of Performance for New Stationary Sources; and, 17-2.700: Stationary Point Source Emission Test Procedures. All applicable provisions of the 40 CFR shall be in accordance with the July, 1991 version.

This air construction permit shall be incorporated into air construction permit, No. AC 29-159192, and shall become a part of the permit.

### III. Emission Limitations and Air Quality Analysis

#### A. Emission Limitations

There will not be any allowable PM emission assigned to the dust accumulation silo and associated dust loading spout because their emissions are incorporated into the total emissions allowed from the Nos. 1-4 baghouse control systems, which services the electric arc furnace operations and was permitted by the air construction permit No. AC 29-159192. Therefore, the PM and visible emissions limiting standards are in accordance with 40 CFR 60.272a.

#### B. Air Quality Analysis

Based on a technical evaluation of the request package, an air quality analysis was not required.

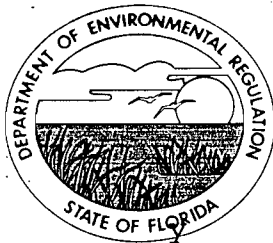


IV. Conclusion

Based on the information provided by Florida Steel Corporation, the Department has reasonable assurance that the proposed project, to increase the allowable fill rate of the dust accumulation silo, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.

*P. Preston Lewis*  
#41755





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

## PERMITTEE:

Florida Steel Corporation  
Tampa Mill Division  
Post Office Box 23328  
Tampa, Florida 33623

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994  
County: Hillsborough  
Latitude/Longitude: 27°57'18"N  
82°22'34"W  
Project: Dust Accumulation Silo  
Modification; and, Assoc.  
Dust Loading Spout

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the modification of the dust accumulation silo to allow an increase in the filling rate, with no increase in the allowable emission limit of particulate matter (PM). There is no change in the operation of the associated retractable dust loading spout. Dust is conveyed from the Nos. 1-4 baghouse control systems to the silo via a pneumatic system using carrier air from a positive displacement blower rated at 320 acfm. The loading spout gravity-feeds the silo dust into trucks or rail-cars located inside a building through an inner tube, which is surrounded by a concentric outer tube, thus creating an annular area through which air is moved upward (to eliminate fugitive emissions) by a blower rated at 1000 acfm. PM and visible emissions from the silo and loading spout are controlled by the No. 2 baghouse system, a Wheelabrator Model 171 with a flow rate of 91,000 acfm. The electric arc furnace operations are controlled by the Nos. 1-4 baghouse systems. The project will occur at the permittee's facility located at 7105 6th Avenue, Tampa, Florida. The UTM coordinates are Zone 17, 364.6 km East and 3093.8 km North.

The Standard Industrial Code is: Steel Production - 3312

The Standard Classification Codes are:

o Dust Accumulation Silo	3-04-007-99	Tons Produced
o Loading Spout-fugitives	3-04-888-01	Tons Product

The source shall be constructed/modified in accordance with the permit application, plans, documents, amendments, drawings, and supplementary information, except as otherwise noted in the General and Specific Conditions.

**PERMITTEE:**  
Florida Steel Corporation  
Tampa Mill Division

**Permit Number:** AC 29-216544  
**Expiration Date:** July 31, 1994

**Attachments to be Incorporated:**

1. Request for a Modification received July 20, 1992, from Mr. James S. Alves.
2. Sealed request for a modification received August 10, 1992, from Mr. Tom Sack.
3. Technical Evaluation and Preliminary Determination dated September 23, 1992.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and,
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**GENERAL CONDITIONS:**

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and,
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. Permitted hours of operation are 8760.

2. The maximum fill rate of the dust accumulation silo is 4,816 lbs/hr.

3. The maximum loading rate of the retractable dust loading spout is 540,000 lbs/hr.

4. For nonattainment review purposes pursuant to F.A.C. Rule 17-2.510, there will not be any potential/allowable particulate matter (PM) emission limit assigned to the dust accumulation silo and associated dust loading spout. Pursuant to construction permit, No. AC 29-159192 (No. 4 electric arc furnace), the allowable mass PM emission limit will not be increased.

5. Any request to increase the PM allowable mass emissions (i.e., lbs/hr, TPY) related to the dust accumulation silo and associated dust loading spout, pursuant to construction permit No. AC 29-159192 and this permit, shall require a permit application for a modification and the appropriate processing fee.

6. For the No. 2 baghouse control system servicing the dust accumulation silo and associated dust loading spout, the PM and visible emissions limiting standards shall be in accordance with 40 CFR 60.272a.

PERMITTEE:  
Florida Steel Corporation  
Tampa Mill Division

Permit Number: AC 29-216544  
Expiration Date: July 31, 1994

**SPECIFIC CONDITIONS:**

7. This construction permit and its conditions shall be incorporated into the construction permit, No. AC 29-159192, and shall become a part of the permit.

8. Compliance tests shall be conducted on the Nos.1-4 baghouse control systems with all of its associated sources operating at a minimum of 90% of their maximum permitted rates using the following test methods pursuant to F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A:

- o EPA Methods 1- 5 (including 5D) - Determination of Particulate Emissions from Stationary Sources
- o EPA Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources

Note: Other test methods may be used only if prior Departmental approval has been granted in writing pursuant to F.A.C. Rule 17-2.700(3).

9. Any change in the dust accumulation silo or associated dust loading spout pursuant to F.A.C. Rule 17-2.100, Definitions-Modification, shall be submitted for approval to the Department's Bureau of Air Regulation office, the Department's Southwest District office, and the Environmental Protection Commission of Hillsborough County (EPCHC).

10. Objectionable odors shall not be allowed off plant property pursuant to F.A.C. Rule 17-2.620(2).

11. The dust accumulation silo and associated dust loading spout are subject to all applicable provisions of F.A.C. Chapters 17-2 and 17-4 and 40 CFR (July, 1991 version).

12. The dust accumulation silo and associated dust loading spout are subject to the provisions of F.A.C. Rules 17-2.240: Circumvention; 17-2.250: Excess Emissions; and, 17-4.130: Plant Operation-Problems.

13. The Department's Southwest District and EPCHC offices shall be notified in writing 15 days prior to compliance testing and the reports are to be submitted to these offices no later than 45 days after the last test run is completed.

14. This permit supersedes all other air permits issued for the dust accumulation silo and associated dust loading spout.

**PERMITTEE:**  
Florida Steel Corporation  
Tampa Mill Division

**Permit Number:** AC 29-216544  
**Expiration Date:** July 31, 1994

**SPECIFIC CONDITIONS:**

15. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration date of the permit (F.A.C. Rule 17-4.090).

16. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed while noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-2.220).

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1992  
**STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION**

---

Howard L. Rhodes  
Director  
Division of Air Resources  
Management



Attachments Available Upon Request



**FLORIDA STEEL  
CORPORATION**

"Steel when you want it"

**TAMPA STEEL MILL DIVISION**

7105 6TH AVENUE • P.O. BOX 31328 • TAMPA, FL 33631-1328

**RECEIVED**

August 5, 1992

AUG 10 1992

Division of Air  
Resources Management

Mr. Bruce Mitchell, P.E.  
Bureau of Air Regulation  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road, Room 310D  
Tallahassee, FL 32399-2400

RE: Florida Steel Corporation  
Tampa Mill  
Application for Minor Modification  
to Construction Permit

Dear Bruce:

Please accept this letter as an application to amend the construction permit governing the dust accumulation silo at Florida Steel's Tampa Mill. More specifically, Florida Steel requests that the maximum fill rate for that silo be identified as 4,816 lbs/hr, instead of 2,643 lbs/hr. Pursuant to Rule 17-4.050(o)5, F.A.C., Florida Steel previously enclosed an application fee in the amount of \$250. Please call me at your earliest convenience if any additional information is required to process this request.

On August 10, 1988, DER issued Permit No. AC 29-149720, authorizing construction of the dust accumulation silo to service the existing baghouse system. The fill rate for this silo was identified as 2,643 lbs/hr, based on an assumed electric arc furnace (EAF) steel production rate of 350 tons per day, an estimated dust production ratio of 25 pounds per ton of steel, and the specific schedule for cleaning (and conveying dust from) the respective baghouse compartments. The No. 2 Baghouse serviced the particulate matter emissions associated with the dust accumulation silo. Specific Condition No. 4 of this permit stated:

For nonattainment review purposes pursuant to FAC Rule 17-2.510, there will not be any potential and allowable

The initial permit referred to this source as the "dust storage silo." Florida Steel requires that it be referred to as the "dust accumulation silo" in order to avoid any inference that it is a "storage" facility for RCRA purposes.

Mr. Bruce Mitchell, P.E.  
August 5, 1992  
Page 2

particulate matter (PM) emission assigned to the dust storage silo and associated loading spout. Pursuant to Operating Permit No. AO 29-108747, the allowable mass PM emissions will not be increased.

The accompanying Technical Evaluation and Preliminary Determination (dated July 7, 1988), stated:

Since the existing No. 2 baghouse control system receives the exhausts from the proposed new storage silo and from the truck/rail-car loading spout, any changes in pollutant emission will occur in the No. 2 baghouse control system. Due to the design displacement flow rates from the silo (320 cfm) and the truck/rail car loading spout (1000 cfm), their effect on the No. 2 baghouse control system's flow rate (approximately 91,000 cfm) will be minimal.

\* \* \*

Since the applicant did not request an increase in the allowable PM emissions associated with the existing baghouse control system (No. 2), there will not be any contemporaneous potential emission increase in PM. Therefore, the project is subject to review pursuant to FAC Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements.

In May, 1989, DER issued Permit No. AC 29-159192, authorizing construction of a new EAF. Although this permit did not specifically address the dust accumulation silo, it did (in Specific Condition No. 4) limit emissions from the entire baghouse system:

Maximum allowable particulate emissions from the baghouse systems shall not exceed 12 mg/dscm (0.0052 gr/dscf, 13.05 lbs/hr total, 54.8 TPY total), pursuant to 40 CFR 60.272a and based on a total flow rate of 292,817 scfm.

In May, 1992, DER and EPC issued an operation permit (No. AO 29-208273) governing the Tampa Mill. In an effort to consolidate applicable permit requirements, this operation permit included references to the dust accumulation silo, and specifically included the referenced 2,643 lbs/hr fill rate. In its comments to EPC on this operation permit, Florida Steel requested that the fill rate be adjusted from 2,643 to 4,816 lbs/hr on the following grounds:

The identified 2,643 lbs/hr fill rate is based on steel production on 850 T/day and an estimated dust production rate of 25 lbs/ton of steel. Our proposed revised rate

Mr. Bruce Mitchell, P.E.  
August 5, 1992  
Page 3

(4816 lbs/hr) is based upon 47.5 tons per hour of steel production, and a more conservative dust production rate of 33.8 lbs/ton. This fill rate is premised upon three compartments cleaning simultaneously. Also, please keep in mind that the fill rate is based on estimates, not actual (measured) rates. In fact, it would be extremely difficult to accurately measure the fill rate. Moreover, the actual fill rate is insignificant, because variations in fill rate have a very little effect upon emission from the No. 2 baghouse.

Sterlin Woodard of EPC has informed Florida Steel that the construction permit must be modified before the revised fill rate may be included in the operation permit. Accordingly, Florida Steel is requesting that Specific Condition No. 2 in Permit No. AC 29-149720 be modified by adjusting the stated fill rate from 2,643 to 4,816 lbs/hr. In the alternative, DER may wish simply to include a new "fill rate" condition in Permit No. AC 29-159192. In either event, the particulate matter emission limitations applicable to Baghouse No. 2 and the entire baghouse system will not be affected by this change. As DER has previously noted, the baghouse is not sensitive to such minor variations in the dust accumulation silo fill rate. Accordingly, it is not necessary to adjust Specific Condition No. 4 in Permit No. AC 29-159192.

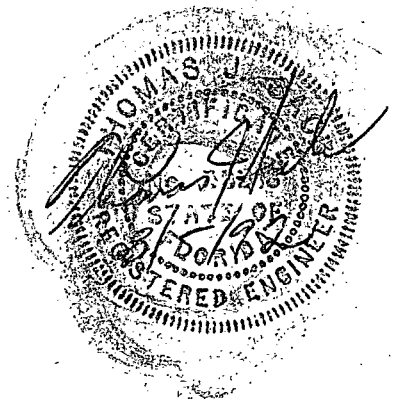
Thank you for considering this request. Again, please give me a call if you have any questions or comments.

Sincerely,



Tom Sack  
Division Engineer

cc: D. Meredith  
L. Nieves  
J. Alves  
B. Mitchell  
B. Thomas, SW Dist.  
Q. Campbell, EPHPC



HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

(904) 222-7500

FAX (904) 224-8551

CARLOS ALVAREZ  
JAMES S. ALVES  
BRIAN H. BIBEAU  
KATHLEEN BLIZZARD  
ELIZABETH C. BOWMAN  
WILLIAM L. BOYD, IV  
RICHARD S. BRIGHTMAN  
PETER C. CUNNINGHAM  
THOMAS M. DE ROSE  
WILLIAM H. GREEN  
WADE L. HOPPING  
FRANK E. MATTHEWS  
RICHARD D. MELSON  
WILLIAM D. PRESTON  
CAROLYN S. RAEPPEL  
GARY P. SAMS  
ROBERT P. SMITH  
CHERYL G. STUART

C. ALLEN CULP, JR.  
RALPH A. DEMEO  
JAMES C. GOODLETT  
RICHARD W. MOORE  
ANGELA R. MORRISON  
MARIBEL N. NICHOLSON  
LAURA BOYD PEARCE  
GARY V. PERKO  
MICHAEL P. PETROVICH  
DOUGLAS S. ROBERTS  
JULIE B. ROME  
KRISTIN C. RUBIN  
CECELIA C. SMITH

OF COUNSEL  
W. ROBERT FOKES

July 20, 1992

Mr. Bruce Mitchell, P.E.  
Bureau of Air Regulation  
Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road, Room 310D  
Tallahassee, FL 32399-2400

RE: Florida Steel Corporation  
Tampa Mill  
Application for Minor Modification  
to Construction Permit

RECEIVED

JUL 20 1992

Division of Air  
Resources Management

Dear Bruce:

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On August 10, 1988, DER issued Permit No. AC 29-149720, authorizing construction of the dust accumulation silo<sup>\*</sup> to service the existing baghouse system. The fill rate for this silo was identified as 2,643 lbs/hr, based on an assumed electric arc furnace (EAF) steel production rate of 850 tons per day, an estimated dust production ratio of 25 pounds per ton of steel, and the specific schedule for cleaning (and conveying dust from) the respective baghouse compartments. The No. 2 Baghouse serviced the particulate matter emissions associated with the dust accumulation silo. Specific Condition No. 4 of this permit stated:

\*-/ The initial permit referred to this source as the "dust storage silo." Florida Steel requests that it be referred to as the "dust accumulation silo" in order to avoid any inference that it is a "storage" facility for RCRA purposes.

Mr. Bruce Mitchell, P.E.  
July 20, 1992  
Page 2

For nonattainment review purposes pursuant to FAC Rule 17-2.510, there will not be any potential and allowable particulate matter (PM) emission assigned to the dust storage silo and associated loading spout. Pursuant to Operating Permit No. AO 29-108747, the allowable mass PM emissions will not be increased.

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\* \* \*

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Mr. Bruce Mitchell, P.E.  
July 20, 1992  
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Sterlin Woodard of EPC has informed Florida Steel that the construction permit must be modified before the revised fill rate may be included in the operation permit. Accordingly, Florida Steel is requesting that Specific Condition No. 2 in Permit No. AC 29-149720 be modified by adjusting the stated fill rate from 2,643 to 4,816 lbs/hr. In the alternative, DER may wish simply to include a new "fill rate" condition in Permit No. AC 29-159192. In either event, the particulate matter emission limitations applicable to Baghouse No. 2 and the entire baghouse system will not be affected by this change. As DER has previously noted, the baghouse is not sensitive to such minor variations in the dust accumulation silo fill rate. Accordingly, it is not necessary to adjust Specific Condition No. 4 in Permit No. AC 29-159192.

Thank you for considering this request. Again, please give me a call if you have any questions or comments.

Sincerely,



James S. Alves

/sdf:Mitchell

cc: B. Mitchell  
B. Thomas, SW Dist  
G. Campbell, EPC/C