STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL COMMISSION

In the matter of administrative proceedings against GENERAL MOTORS CORPORATION, CENTRAL FOUNDRY DIVISION, a corporation organized under the laws of the State of Delaware and doing business at the Saginaw Malleable Iron Plant, City of Saginaw, County of Saginaw, State of Michigan.	SIP No. 8-1983

STIPULATION FOR ENTRY OF CONSENT ORDER
AND
FINAL ORDER

This proceeding resulted from allegations by the staff of the Air Quality Division of the Department of Natural Resources (hereinafter referred to as the "Staff"). The Staff alleges that General Motors Corporation, Central Foundry Division, a Delaware corporation (hereinafter referred to as the "Company"), located at the Saginaw Malleable Iron Plant, City of Saginaw, County of Saginaw, State of Michigan, is emitting particulate and visible emissions from its facilities in excess of allowable limits as established by Administrative Code 1980 AACS, R 336.1301. The Company and the Staff agree to the termination of this proceeding by entry of a Final Order by consent.

The Company and the Staff agree as follows:

1. The Company agrees that the Chief of the Air Quality Division of the Department of Natural Resources is authorized by resolution of the Air Pollution Control Commission (hereinafter "Commission") adopted June 28, 1977, as agent of the Commission to enter into this Final Order by consent.

2. The Company stipulates that the Chief of the Air Quality Division of the Department of Natural Resources is charged with the investigation and enforcement of all

orders, regulations, rules, standards and statutes of the State of Michigan concerning the emission and control of air contaminants.

3. The Company and Staff stipulate that the termination of this matter by a Final Order to be entered as a Consent Order is proper and acceptable.

4. Pursuant to R 336.1301(1)(c), the Commission finds that compliance for the oil quench facilities with the 20 percent opacity limit provision of R 336.1301 is not technically and economically feasible and that all other requirements of the Commission's rules are being met at this time.

5. The Company and the Staff acknowledge that this agreement and Final Order shall be submitted to the United States Environmental Protection Agency as part of the Michigan State Implementation Plan (SIP) revisions in accordance with Part D, Section 171, et seq. of the Federal Clean Air Act as amended in 1977.

6. The Company and the Staff agree that the signing of this Stipulation is for settlement purposes only and does not constitute an admission by the Company that the law has been violated. Both Staff and the Company agree that the particulate and visible emissions from the oil quench facilities should be abated. The Company shall achieve compliance with the aforementioned regulations in accordance with the following schedule:

A. <u>DIRECT OIL QUENCH</u>:

(1) By the effective date of this Order, the Company shall submit to Staff, pursuant to the Commission's rules, acceptable plans and specifications and applications for installation permits describing the air pollution control device(s) and/or other equipment to be used to control visible emissions from the quench operation (main hood) at Nos. 1, 2, and 3 direct oil quench facilities (DOQ's) to a 6-minute average of 20 percent opacity or less, except for five 6-

minute averages per hour of not more than 40 percent opacity, as determined by Test Method 9, Appendix A to 40 C.F.R. Part 60 (July 1, 1980).

(2) By May 15, 1983, the Company shall submit to the Staff evidence to substantiate that the required air pollution control device(s) and/or other equipment to be used to control the visible emissions from Nos. 1, 2, and 3 DOQ's have been placed on order with the manufacturer.

(3) By July 1, 1983, and after receiving the installation permits referred to in paragraph (1), above, the Company shall begin on-site installation of said air pollution control device(s) and/or other equipment and notify the Staff in writing that this installation has begun.

(4) By July 15, 1983, the Company shall have placed in operation said air pollution control device(s) and/or other equipment on Nos. 1 and 2 DOQ's and notify the Staff in writing that the device(s) and/or equipment have been placed in operation.

(5) By October 31, 1983, the Company shall have placed in operation said air pollution control device(s) and/or other equipment on No. 3 DOQ and notify the Staff in writing that the device(s) and/or equipment have been placed in operation.

(6) After October 31, 1983, the visible emissions from the quench operations (main hood) at Nos. 1, 2, and 3 DOQ's shall not exceed a 6-minute average of 20 percent opacity, except for five 6-minute averages per hour of not more than 40 percent opacity, as determined by Test Method 9, Appendix A to 40 C.F.R. Part 60 (July 1, 1980).

(7) After October 31, 1983, the visible emissions from the furnace operations (vent stack) at Nos. 1, 2, and 3 DOQ's shall not exceed a 6-minute average of 20 percent opacity as determined by Test Method 9, Appendix A to 40 C.F.R. Part 60 (July 1, 1980).

(8) After the effective date of this Order, the particulate emissions from Nos. 1, 2, and 3 DOQ's shall not exceed 0.10 pounds of particulate per 1,000 pounds of exhaust gases.

(9) By October 31, 1983, the Company shall complete the testing (conducted according to procedures approved by Staff) of all air pollution control device(s) and/or other equipment and submit to the Staff the detailed report of the test data and results.

B. HARDEN, QUENCH, AND DRAW:

(1) By the effective date of this Order, the Company shall submit to Staff, pursuant to the Commission's rules, acceptable plans and specifications and applications for installation permits describing the air pollution control device(s) and/or other equipment to be used to control the visible emissions from the quench operation (main hood) at Nos. 1, 2, and 3 harden, quench, and draw facilities (HQD's) to a 6-minute average of 40 percent opacity or less as determined by Test Method 9, Appendix A to 40 C.F.R. Part 60 (July 1, 1980).

(2) By the effective date of this Order, the Company shall submit to the Staff evidence to substantiate that the required air pollution control device(s) and/or other equipment to be used to control the visible emissions from the quench operation (main hood) at Nos. 1 and 3 HQD's have been placed on order with the manufacturer.

(3) By June 15, 1983, and after receiving the installation permits referred to in paragraph (1), above, the Company shall begin on-site installation of said air pollution control device(s) and/or other equipment on No. 3 HQD and notify the Staff in writing that this installation has begun.

(4) By June 15, 1983, the Company shall have placed in operation said air pollution control device(s) and/or other equipment on No. 1 HQD and notify the Staff in writing that the device(s) and/or equipment have been placed in operation.

(5) By July 31, 1983, the Company shall have placed in operation said air pollution control device(s) and/or other equipment on No. 3 HQD and notify the Staff in writing that the device(s) and/or eqiupment have been placed in operation.

(6) After December 15, 1983, the visible emissions from the quench operations (main hood) at Nos. 1, 2, and 3 HQD's shall not exceed a 6-minute average of 40 percent opacity as determined by Test Method 9, Appendix A, 40 C.F.R. Part 60 (July 1, 1980).

(7) After December 15, 1983, the visible emissions from the furnace operations (vent stack) at Nos. 1, 2, and 3 HQD's shall not exceed a 6-minute average of 20 percent opacity as determined by Test Method 9, Appendix A to 40 C.F.R. Part 60 (July 1, 1980).

(8) After the effective date of this Order and until December 15, 1983, the particulate emissions from Nos. 1, 2, and 3 HQD's shall not exceed 0.16 pounds of particulate per 1,000 pounds of exhaust gases.

(9) After December 15, 1983, the particulte emissions from Nos. 1, 2, and 3 HQD's shall not exceed 0.10 pounds of particulate per 1,000 pounds of exhaust gases.

(10) After the effective date of this Order, the Company shall not operate Nos. 9 nor 10 HQD's, except as provided in Permit to Install No. 191-82 or subsequent Commission approved permits.

(11) By February 15, 1984, the Company shall complete the testing (conducted according to procedures approved by Staff) of all air pollution control device(s) and/or other equipment and submit to the Staff the detailed report of the test data and results.

C. ANNUAL REPORT ON PROGRESS:

By December 15, 1983, and annually thereafter, the Company shall submit to the Staff a report on the Company's progress toward developing a suitable alternate quench medium or other process or control technology which would reduce visible emissions from Nos. 1, 2, and 3 DOQ's and Nos. 1, 2, and 3 HQD's to 20 percent opacity or less, except as specified in R 336.1301(1)(a) and (b) of the Commission's rules. When such a suitable alternate quench medium or other process or control technology becomes reasonably available, the report shall be accompanied by a plan for implementing the alternate quench medium or other process or control technology and reducing visible emissions to less than 20 percent opacity as expeditiously as possible.

6. The Company and the Staff agree that this agreement and Final Order shall supercede Paragraph 7.F of Consent Order and Final Order No. 06-1980 as altered July 30, 1982.

7. The Staff and the Company do not regard this abatement program as a variance subject to the 12-month limitation specified in Section 22 of the Air Pollution Act, being MCLA 336.32. Approval of this abatement program is not a major state action for purposes of further environmental review pursuant to Executive Order 1974-4.

8. Staff and the Company both acknowledge that a public hearing on this abatement program was held on April 19, 1983. Both Staff and the Company consent to enforcement of this Stipulation and Final Order in the same manner and by the same procedures for all

final orders entered pursuant to Section 16 of 1972 PA 257, MCLA 336.26; MSA 14.58(16), including enforcement pursuant to 1970 PA 127, MCLA 691.1201 et. seq.; MSA 14.528(201) et. seq.

Approved as to Form and Content:

GENERAL MOTORS CORPORATION
CENTRAL FOUNDRY DIVISION

Dated: 5/6/83

Approved as to Content:

Robert P. Miller, Chief
AIR QUALITY DIVISION
DEPARTMENT OF NATURAL RESOURCES

Dated: 6/9/83

Approved as to Form:

Stewart H. Freeman
Assistant Attorney General
DEPARTMENT OF ATTORNEY GENERAL

Dated: June 6, 1983

FINAL ORDER

This Commission having had opportunity to review the above stated Stipulation for Entry of Consent Order, and this Commission having authorized the Chief of the Air Quality Division of the Department of Natural Resources as agent of the Commission to enter into consent orders,

IT IS ORDERED that this Consent Order is approved and shall be entered in the record of this Commission as a Final Order.

AIR POLLUTION CONTROL COMMISSION

By: Robert Miller

Robert P. Miller, Chief
Air Quality Division
Department of Natural Resources

Dated: 6/9/83