manually controlled gas vented heaters or section 3.1.2 to this appendix for manually controlled oil vented heaters, or

(2) At the minimum fuel input rate as measured in either section 3.1.1 to this appendix for manually controlled gas vented heaters or section 3.1.2 to this appendix for manually controlled oil vented heaters if the design of the heater is such that ±5 percent of 50 percent of the maximum fuel input rate can not be set, provided the tested input rate is no greater than two-thirds of maximum input rate of the heater.

(b) For manually controlled heater with one single firing rate, the weighted average steady-state efficiency is the steady-state efficiency measured at the single firing rate.

(iii) Delete paragraph 4.2.6 of Appendix O and replace with the following paragraph:

4.2.6 Annual Fuel Utilization Efficiency. For manually controlled vented heaters, calculate the Annual Fuel Utilization Efficiency (AFUE) as a percent and defined as:

$AFUE=\eta_u$

Where:

η_u= as defined in section 4.2.5 of this appendix.

(iv) With the exception of the modification set forth above, CFM shall comply in all respects with the procedures specified in Appendix O of Title 10 CFR Part 430, Subpart B.

This Interim Waiver is based upon the presumed validity of statements and all allegations submitted by the company. This Interim Waiver may be removed or modified at any time upon a determination that the factual basis underlying the Application is incorrect.

The Interim Waiver shall remain in effect for a period of 180 days or until DOE acts on the Petition for Waiver, whichever is sooner, and may be extended for an additional 180-day period, if necessary.

CFM's Petition for Waiver requests DOE to grant relief from the DOE vented home heating equipment relating to the pilot light and weighted average steady state efficiency. CFM seeks (a) to exclude the pilot light energy consumption in the calculation of AFUE, and (b) to determine the weighted average steady state efficiency used in the calculation of AFUE at a minimum fuel input rate of two-thirds of the maximum fuel input rate instead of the specified ±5 percent of 50 percent of the maximum fuel input rate. Pursuant to paragraph (b) of Title 10 CFR Part 430.27, the Department is hereby publishing the ''Petition for Waiver.'' CFM's submission of October 2, 1995 published, *infra*, (a) references a letter, dated July 7, 1995, from Vermont Castings, Inc. that constitutes a Petition for Waiver and Application for Interim Waiver and (b) attaches three brochures describing the company's products. Said letter and brochures are not published herein but may be requested from Mr. William W. Hui at the address indicated, *supra*. Further, CFM's letter of October 30, 1995 published, *infra*, references a three page excerpt from a SIT brochure. The excerpt is not published but may be requested from Mr. Hui.

The Petition contains confidential company information; thus, the confidential attachments submitted by CFM are not being published. The Department solicits comments, data, and information respecting the Petition.

Issued in Washington, D.C. December 21, 1995.

Christine A. Ervin,

Assistant Secretary, Energy Efficiency and Renewable Energy.

CFM International Inc.

475 Admiral Blvd., Mississauga, Ont. L5T 2N1, Canada, Tel: (905) 670–7777 Ext. 213, Fax: (905) 670–7840

October 2, 1995.

The Honorable Christine Ervin,
Assistant Secretary for Energy Efficiency and Renewable Energy, U.S. Dept. of Energy, Forrestal Bldg., 1000 Independence Avenue, S.W., Washington, D.C. 20585

Attn: Secretary Christine Ervin

Dear Madam: Attached with this letter is a copy of a petition for a waiver and Application for Interim Waiver submitted by Vermont Castings on July 7, 1995.

Since CFM Inc. has similar applications and arguments as mentioned in the attached Vermont Casting petition—therefore we are also requesting the acceptance of those two waivers from the test procedures which appear on 10 CFR, part 430, subpart B, Appendix O; Uniform Test Method for Measuring the Energy Consumption of Vented Home Heating Equipment. The aforementioned waivers are requested for our direct vent and vented units.

Also, the revisions to the test procedures which we requested above have been published by DOE as proposed changes on August 23, 1993—58 FR 44538.

Furthermore, since similar waivers were granted in the past to other manufacturers; i.e. Appalachian Stove and Fabricators Inc. and Valor Incorporated—therefore we are convinced that the same waivers will be granted to CFM Inc.

Copies of confidential test data confirming the energy savings will be forwarded to you upon request.

Any questions regarding this subject, please contact me at the above address. Your help is highly appreciated. Thank you.

Yours Truly,

Ferdinand M. Francisco,

Lab. Manager.

CFM International Inc.

475 Admiral Blvd., Mississauga, Ont. L5T2N1, Tel: (905) 670–7777 Ext. 213, Fax: (905) 670–7840

October 30, 1995.

U.S. Dept. of Energy,
Office of Energy Efficiency and Renewable Energy, Mail Station EE–431, Forrestal Bldg., 1000 Independence Avenue, SW., Washington, DC 20585

Attn: Bill Hui

Dear Sir. Further to our conversation last Friday. I tested one of our manually controlled appliance with various input rates to established a linear correlation between its rate and AFUE.

Based on the AFUE I calculated using Draft Factor Method, DF=1, which appear at 10CFR, part 430, subpart B, Appendix O—Uniform Test Method for Measuring the Energy Consumption Of Vented Home Heating Equipment. I can therefore conclude that increase in rate is directly proportional to the increase in AFUE.

Also, attached are 3 page excerpts from SIT brochure that will answer your question regarding the necessary steps needed to reduced the input from 70% to ⅔ of maximum input—for testing purposes only.

Page I illustrates a working diagram of the valve, Page 2 show the valve description and finally page 3 explains how to adjust the outlet pressure. Furthermore, outlet pressure of valves equipped with manual Hi/Lo control (SIT mv 0.820.633 and 0.820.634) can be adjusted by removing the Hi/Lo knob, see page 2 under valve description—item #2, then turn the pressure regulator clockwise to increase pressure and counterclockwise to decrease pressure.

To reduce the input from 70% to ⅔ of maximum input just turn the regulator counterclockwise thus decreasing the outlet pressure.

Moreover, the petition I submitted for the acceptance of two waivers from the test procedures which appear at 10CFR, part 430, subpart B, Appendix O—Uniform Test Method for Measuring the Energy Consumption Of Vented Home Heating Equipment are requested for CFM International Inc.

CFM International Inc. is a parent company of CFM Inc. (Insta Flame & Northern Flame), Majestic and TrueHeat. Therefore, the waivers mentioned above is intended to all CFM International Inc. subsidiaries' existing as well as future submitted and certified products.

Below is a list of CFM Inc's existing as well as future submitted and certified products both Insta Flame & Northern Flame.

MODEL

Certified units	Under certification
DV32	FADV20
DV34	HE40