



Puget Sound Clean Air Agency

110 Union Street, Suite 500, Seattle, WA 98101-2038

Notice of
Construction No. 7740

Registration No. 13786

Date **SEP 9 1999**

GENERAL REGULATORY ORDER

Under the authority of Puget Sound Clean Air Agency Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Seattle Steam Co (Western Ave)

for the facility located at:

**1319 Western Ave
Seattle, WA 98101**

As an alternate means of compliance, as allowed by Regulation I, Section 3.23, for the condition to install and operate a continuous emission monitor required by Regulation I, Article 9.04(b)(4) whenever residual fuel oil is burned for more than 31 days per year (Regulation I, Article 9.04), Seattle Steam Company shall comply with the following conditions.

1. Seattle Steam Company shall notify the Puget Sound Clean Air Agency in writing no more than 7 days prior to burning residual fuel oil in the Garrett & Shafer #861, Riley Stoker #1899, Combustion-Engineering #110511 or Combustion-Engineering #110272 boilers.
2. When Seattle Steam Company burns residual oil for fourteen (14) consecutive days or more during any heating season, Seattle Steam Company shall conduct a compliance source test for particulate that meets Regulation I, Section 3.07 for particulate matter during normal operating conditions. A heating season extends from July 1 to June 30 of the following year. This source test shall be scheduled during the middle of an oil burning period to provide a timely demonstration of compliance.
3. Seattle Steam Company shall limit the burning of residual fuel oil to a maximum of 3,822,000 gallons during any 12 consecutive month period and submit an annual report to the Puget Sound Clean Air Agency containing monthly residual fuel oil usage for the calendar year, and whenever 3,000,000 gallons or more of residual oil are burned during any 12 consecutive month period, Seattle Steam Company shall submit records of residual fuel oil usage to the Puget Sound Clean Air Agency each month until less than 3,000,000 gallons are burned during the previous 12 consecutive months.
4. Seattle Steam Company shall establish a correlation of the Garrett & Shafer #861, Riley Stoker #1899, Combustion-Engineering #110511 and Combustion-Engineering #110272 boiler stack opacity measured by WDOE Method 9A with ranges of boiler combustibles and oxygen levels in the flue gas that accurately indicates a violation of Regulation I, Section 9.03 while continuously measuring combustibles and oxygen. This study shall be completed by February 29, 2000 and the results submitted to Puget Sound Clean Air Agency by March 17, 2000.
5. Seattle Steam Company shall amend the Garrett & Shafer #861, Riley Stoker #1899, Combustion-Engineering #110511 and Combustion-Engineering #110272 boiler Operation and Maintenance Plan to specify the combustibles and oxygen ranges and methods to maintain

General Regulatory Order for NC No. 7740

compliance when firing residual oil.

6. If the Garrett & Shafer #861, Riley Stoker #1899, Combustion-Engineering #110511 and Combustion-Engineering #110272 boiler combustibles and oxygen are outside the ranges established by Condition No. 4, Seattle Steam Company shall, within 15 minutes of the initial observation, take corrective action until the boiler combustibles or oxygen are within the ranges established by Condition No. 4; or alternative, either record the boiler stack opacity using WDOE Method 9A, switch to natural gas, or shut down the boiler until it can be correctly operated. If boiler combustibles or oxygen are outside the ranges established by Condition No. 4 for more than 15 minutes, Seattle Steam Company shall notify the Puget Sound Clean Air Agency within 24 hours explaining what corrective actions were taken.

7. Seattle Steam Company shall develop quality assurance procedures for the combustibles and oxygen meters as part of the Operation and Maintenance Plan and annually calibrate these meters.

8. Every two calendar years after January 1, 2000 or after firing 6,000,000 gallons of residual oil, whichever comes first, Seattle Steam Company shall establish a correlation as performed in Conditions No. 4 and No. 5. Within 30 days of initiating this study, Seattle Steam Company shall submit results to the Puget Sound Clean Air Agency.

9. This General Regulatory Order No. 7740, issued to modify the method of certifying compliance with the requirements of Regulation I, Section 9.04(b)(4), hereby supersedes and cancels General Regulatory Order No. 6517 dated May 8, 1997.

APPEAL RIGHTS

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of receiving this Order.


Fredrick Austin, PE
Reviewing Engineer


Jay M. Willenberg, PE
Reviewing Engineer


Dennis J. McLerran
Air Pollution Control Officer

*Summary
ROGERS OK 7-14-1
File*

July 3, 1969

C.W. Easton, President
Seattle Steam Corporation
327 White Henry Stuart Bldg.
Seattle, Washington 98101

RE: INSTALLATION OF C E STEAM GENERATING
UNIT - N/C 106 - J9106

Dear Mr. Easton:

Your Notice of Construction and Application for Approval, dated June 5, 1969, for installation of a 120,000 lb./hr. steam generating unit at 1319 Western Avenue, is approved.

As soon as construction is complete, please complete and forward the enclosed Notice of Completion form.

Yours truly,

A.R. Dammkoehler
AIR POLLUTION CONTROL OFFICER

Encl.

cc: C.B. McCord/

JRP:ml

PUGET SOUND AIR POLLUTION CONTROL AGENCY

110 Union Street, Suite 500, Seattle, WA 98101-2038

Registration No. 13786

NOC No. 6517

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Date **MAY 8 1997**

GENERAL REGULATORY ORDER

Under the authority of PSAPCA Regulation I, Section 3.03, General Regulatory Orders, this Order is issued to:

Seattle Steam Company (Western Ave)

for the facility located at:

**1319 Western Ave
Seattle, WA 98101**

The purpose of this Order is to implement provisions of Chapter 70.94 RCW or the rules adopted thereunder. The owner of the above facility shall abide by the following emission limits, monitoring, recordkeeping and reporting conditions for the site indicated above.


Limits and Conditions:

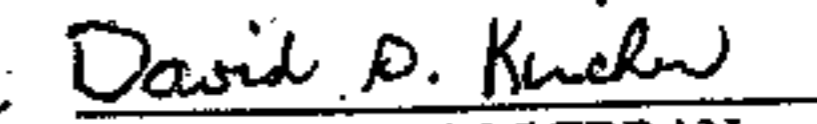
As an alternate means of compliance, as allowed by Regulation I, Section 3.23, for the condition to install and operate a continuous emission monitor required by Regulation I, Article 12.02(a)(4), Seattle Steam Company shall comply with the following conditions:

1. Seattle Steam Company shall notify PSAPCA in writing no more than 7 days prior to burning residual fuel oil in the Garrett & Shafer #861, Riley Stoker #1899, Combustion-Engineering #110511 or Combustion-Engineering #110272 boilers.
2. When Seattle Steam burns residual oil for fourteen (14) consecutive days or more during any heating season, Seattle Steam shall conduct a compliance source test for particulate matter that meets Regulation I, Section 3.07 during normal operating conditions. A heating season extends from July 1 to June 30 of the following year. This source test shall be scheduled during the middle of an oil burning period to provide a timely demonstration of compliance.
3. Seattle Steam shall limit the burning of residual fuel oil to a maximum of 3,822,000 gallons during any 12 consecutive month period and submit an annual report to PSAPCA containing monthly residual fuel oil usage for the calendar year, and whenever 3,000,000 gallons or more of residual oil are burned during any 12 consecutive month period, Seattle Steam Company shall submit records of residual fuel oil usage to PSAPCA each month until less than 3,000,000 gallons are burned during the previous 12 consecutive months.

Pursuant to Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, an appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of receiving this Order.


FRED L. AUSTIN P.E.
Reviewing Engineer


JAY M. WILLENBERG PE
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer

Puget Sound Air Pollution Control Agency

Notice of Construction No. 1066
Date September 25, 1973

HEREBY GRANTS
PERMISSION TO CONSTRUCT, INSTALL, OR ESTABLISH

C. E. 155,000 #/hr Package Boiler

APPLICANT: **Frank Marshall** OWNER: **Seattle Steam**
327 White-Henry-Stuart Bldg., Seattle, WA 98101
LOCATED AT
1319 Western Avenue **Seattle 98101**
(STREET) (CITY) (ZIP)

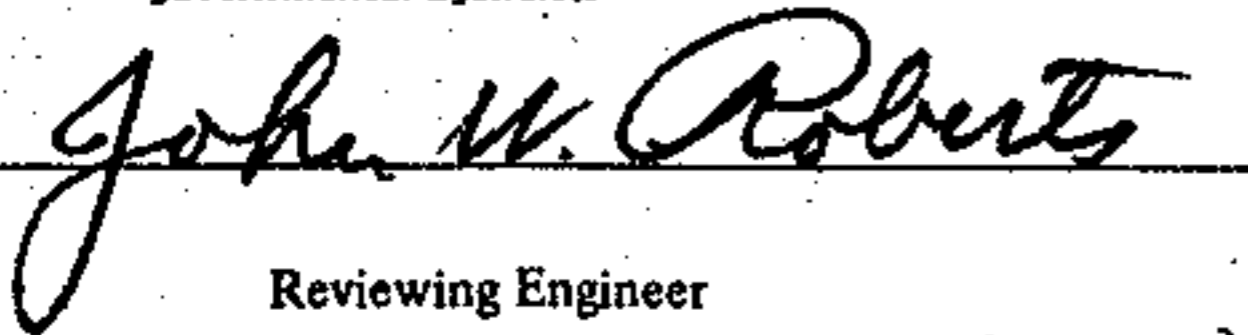
SUBJECT TO THE FOLLOWING RESTRICTIONS

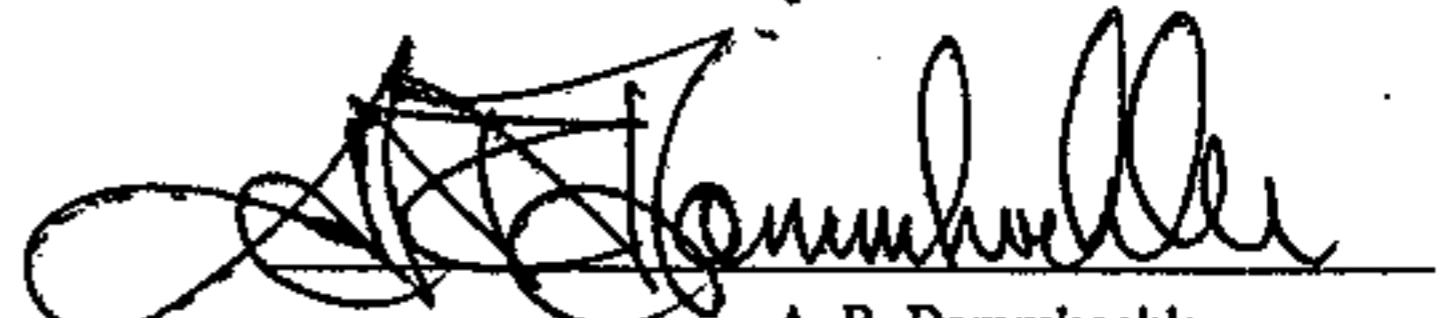
GENERAL:

Permission is hereby granted as provided in Article 6 of Regulation I of the PSAPCA to the APPLICANT to install, alter, or establish the equipment, device, or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the ENGINEERING DIVISION of PSAPCA. This approval is not a waiver of liability for the infraction of Regulation I nor does it relieve the APPLICANT or OWNER of any requirements of other governmental agencies.

SPECIFIC:

Seattle Steam will furnish this Agency with an acceptable source test relating emissions from burner to be installed to ash content of oil within 90 days after start up.


Reviewing Engineer


A. R. Dammkoehler
Air Pollution Control Officer

Form 50-118 Approved 10/69
ja

24,000 #/hr net peak
Last year 600,000 #/hr *40% increase*
2390 Bells PS 400