STATE OF FLORIDA
DEPARTMENT OF POLLUTION CONTROL

APPLICATION TO OPERATE/CONSTRUCT POLLUTION SOURCES

SECTION I – GENERAL INFORMATION FOR ALL POLLUTION SOURCES

I TO BE FILLED IN BY APPLICANT

Source Type: Air Pollution

Type application: [X] Operation [ ] Temporary Operation [ ] Construction

Status Source: [X] New [ ] Existing [ ] Modification

Source Name: ANHEUSER-BUSCH, INC. County: DUVAL

Source Location: Street: 111 Busch Drive City: Jacksonville, Florida

(Water Source Only) Lat: ____° ____' ____", Long: ____° ____' ____"

(Air Source Only) UTM: East 4-37860 North 33-66810

Appl. Name and Title: _____

Appl. Address: Post Office Box 18017, A.M.F., Jacksonville, Florida 32229

II TO BE FILLED IN BY REGION (*BY BUREAU OF PERMITTING)

Control No: Region _____ County _____ Type _____ *Project _____

Type Permit	Date Rec'd	*Permit No.	*Issue Date	*Compl. Date	*Exp. Date

Source Description: _____

Control Equipment: _____

Water Permits

Receiving Body Code: _____ Surface Water Code: _____

Station No.: Influent: _____ Effluent: _____

Effluent:	Average	Design	% Reduction
Flow rate, MGD			
BOD, lbs/day			
Susp. Sol., lbs/day			
Other:			

Air Permits

Operating Time: [ ] Continuous [ ] Intermittent

Fuel: Type _____ M-BTU/hr. In Put _____

Incinerator: Capacity, tons/day _____ Type Waste _____

Mfg. & Model _____

Pollutant Emissions, lbs/day	Actual	Design	Allowable
Particulate			
Sulfur Oxides			
Other:			

Implementation: Estimated Appl. Filing Date _____

Estimated Start of Const. _____ Estimated Compliance Date _____

DESCRIPTION OF PROPOSED PROJECT

A. Describe the nature and extent of the proposed project. Refer to existing pollution control facilities, DPC permits, conditions, orders and notices, expected improvement in performance of the facilities and state whether the proposed project will result in full compliance of the source. Attach additional sheet if necessary.

Permit is for Steam Generator No. 4 (Identical to three existing - See Item D below).

Babcock & Wilcox Co.
Oil and Gas Burner
Capacity 80,000 lbs./hr.
Design Pressure, 250 psi
Steam Temperature, 406° F
Boiler Heating Surface 5,863 sq. ft.
Built 1973
National Board No. 23814

B. Schedule of Project Covered in this Application (Construction Permit Application Only).

Federally or State Financed Projects only:

Planning Complete _____

Financing Program Complete _____

Indicate other local, state and/or federal agency approvals and dates _____

All projects:

Start of Construction June, 1973

Completion of Construction November, 1973

C. Costs of Construction (Show a breakdown of costs for individual components/units of the proposed project serving pollution control purpose only). Information on actual costs shall be furnished with the application for operation permit.

Cost of Steam Generator, Stack, piping and associated control equipment is approximately $125,000.

D. Indicate any previous DPC permits, issuance dates, and expiration dates.

AO 16-245	3/10/72	- Steam Generator #1	12/1/74
AO 16-246	3/10/72	- Steam Generator #2	12/1/74
AO 16-247	3/10/72	- Steam Generator #3	12/1/74

AIR POLLUTION SOURCES & CONTROL DEVICES

A. Identification of Air Contaminants

1) [XX] Particulates
   a) [ ] Dust b) [XX] Fly Ash c) [ ] Smoke d) [ ] Other (Identify)

2) [XX] Sulfur Compounds
   a) [XX] SO_x as SO_2 b) [ ] Reduced Sulfur as H_2S c) [ ] Other (Identify)

3) [XX] Nitrogen Compounds
   a) [XX] NO_x as NO_2 b) [ ] NH_3 c) [ ] Other (Identify)

4) [ ] Flourides 5) [ ] Acid Mist 6) [ ] Odor

7) [XX] Hydrocarbons 8) [ ] Volatile Organic Compounds

9) [ ] Other (Specify): _____

B. Raw Materials and Chemicals Used (Be Specific)

NOTE: Steam Generator #4 is potential pollution source.

Description	Utilization Tons/day, lbs./day, etc.	Approximate Contaminant Content		Relate to Flow Diagram
		Type	% Wt.	

C. Process Weight:

1) Total Process Weight Rate 80,000 *(Maximum as steam)* lbs./hr. [See Sec. 17-2.04(2)]
2) Product Weight 7,000 bbls./day ~~MAX~~ expressed as BEER
3) Normal Operating Time _____, if seasonal describe: _____
   24 hrs./day, 7 days/wk.

D. Airborne Contaminants Discharged:

Name of Contaminant	Actual Discharge	Discharge Criteria*	Allowable Discharge*	Relate Location to Flow Diagram
Particulate		0.1#/M-BTU/Hr.	3.47#/Hr.	Boiler #4
SO_2		0.8#/M-BTU/Hr.	27.8#/Hr.	Boiler #4
NO_2	No Standard - See Technical Memorandum No. 8-14, June 26, 1972			
	(State of Florida, Department of Pollution Control).			

* Refer to Chapter 17-2 Florida Administrative Code
(Discharge Criteria: Process Weight Rate, #/tonP_2O_5, #/M BTU/hr etc.)

E. Control Devices:

Name *See Below.	Eff.	Conditions of Operation, Particle Size Range, etc.	Relate to Flow Diagram

F. Fuels:

Type (Be specific)	Daily Consumption	Heat Input BTU/hr.	Relate to Flow Diagram
#6 Fuel Oil	5,700 Gals.	34,724,875	To Boiler No. 4
NOTE: Normal operation is that 3 of the 4 identical boilers are on line at indicated firing rate with fourth boiler on standby.			(See Figure No. 1).

G. Describe briefly, without revealing trade secrets, the unit processes/operations generating the airborne emissions identified in this application:

Boiler generates steam used in production of beer.

H. Indicate liquid or solid wastes generated and method of disposal.

All liquids discharged are routed to #3 station city sewage facility. Storm sewers empty into Broward River and contain no contamination.

* Boiler No. 4 is one of four identical boilers with automatic controls to be operated as designed by Babcock & Wilcox. The boiler is rated at 80,000 lbs. of 150 psig steam per hour and has a design efficiency of 82.8%. The air fuel ratio is automatically adjusted by Bailey Metering Systems, controls are checked and calibrated routinely.

STATEMENTS BY APPLICANT AND ENGINEER

A. Applicant

The undersigned owner or authorized representative of * ANHEUSER-BUSCH, INC.
is fully aware that the statements made in this application for an Operation permit are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403 Florida Statutes and all the rules and regulations of the Department or revisions thereof. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted establishment.

J. Mueller
J. MUELLER — Signature of the Owner or Authorized Representative

J. MUELLER, Plant Manager
Name and Title (Please Type)

Date: 11/21/73 Telephone No.: 751-0640

* Attach a letter of authorization

B. Professional Engineer Registered in Florida:

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the control and discharge of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that the pollution source(s) with appropriate control facilities, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and the rules and regulations of the Department. It is also agreed that the undersigned will furnish the applicant a set of instructions for the proper maintenance and operation of the installation covered in this application.

Signature G. E. Paradies

Mailing Address: P. O. Box 18017, A.M.F.
Jacksonville, Florida 32229

Name: G. E. PARADIES (please type)

Telephone No.: A/C 904 751-0640

Florida Registration Number 16135 (Please affix seal) July 9, 1971

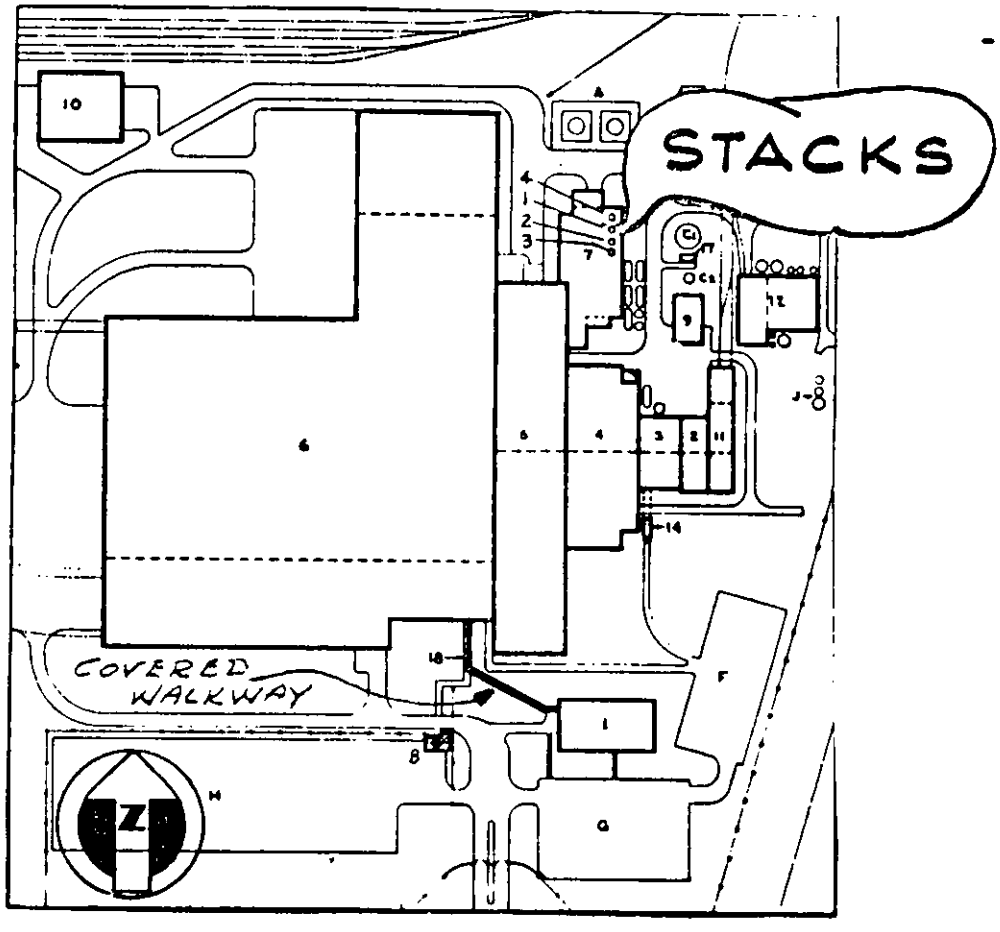
Date: 11/16/73

PERMITTED
BY
NORTHEAST REGION
DEPT. OF POLLUTION CONTROL
PERMIT NO. AO16-2156
DATE 1/4/74

Anheuser-Busch, Inc.

REPLY TO:

ANHEUSER-BUSCH, INC.
P. O. BOX 18017 A.M.F.
JACKSONVILLE, FLORIDA 32229



KEY:

BLDG. NO.	BUILDING NAME:
1	Administration
2	Grains Handling Building
3	Brewhouse
4	Stockhouse No. 1
5	Stockhouse No. 2
6	B.P.& S.
7	Power House
8	Guard House
9	Chip Storage Building
10	Yards Building
11	Track Shed
12	Grains Drying Building
14	Tour Facility
17	Diesel Pump House
18	Covered Walkway
A	Fuel Oil Storage Tanks
B	Cooling Tower
C	Fire Water Tank
C2	Elevated Water Tank
F	Tour Parking Lot
G	Administration Parking Lot
H	Employees Parking Lot

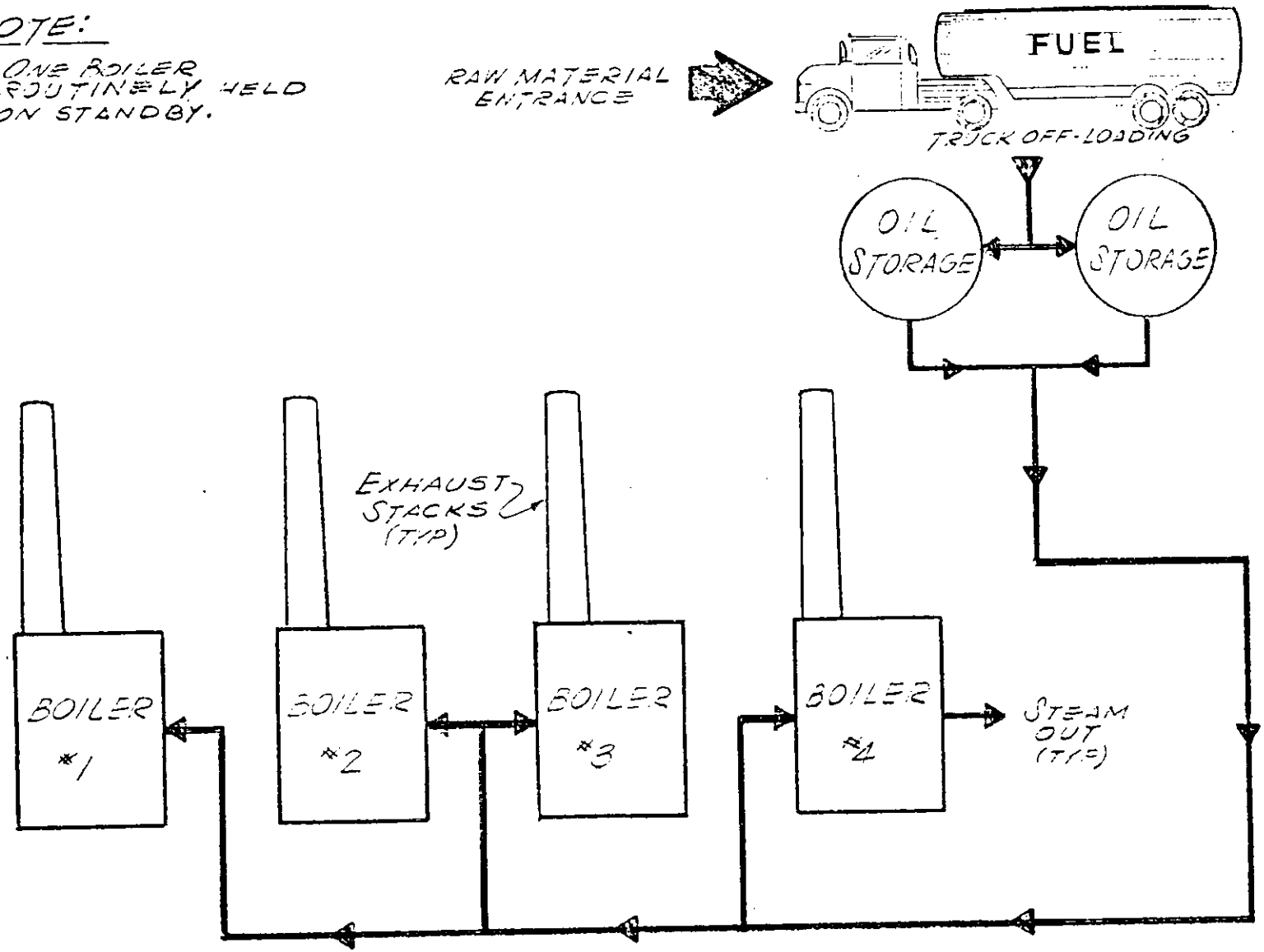
Keep America Beautiful

Pitch In!

TM:br 7/20/73

NOTE:

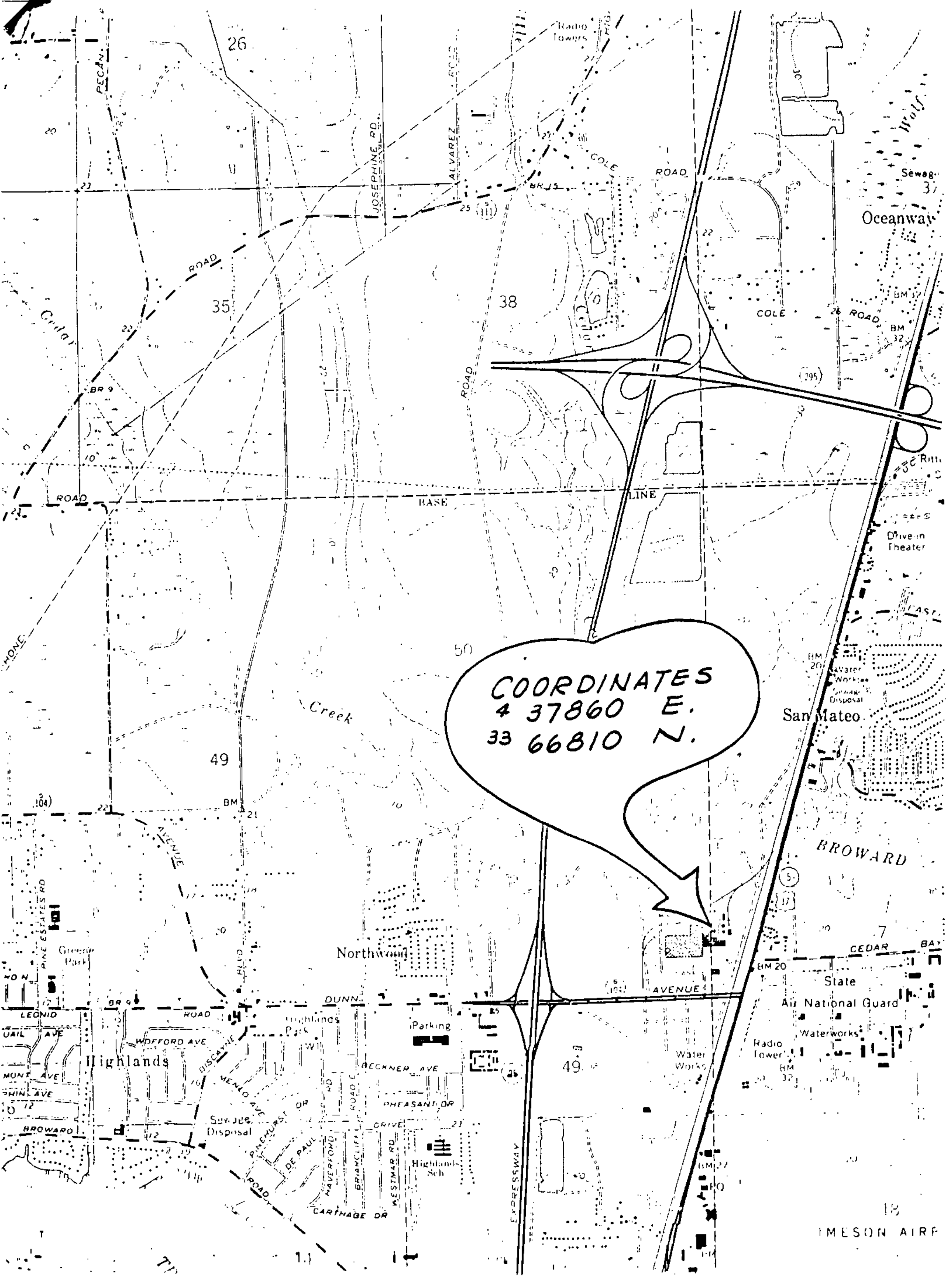
ONE BOILER ROUTINELY HELD ON STANDBY.



GASEOUS EMISSION

FIGURE 1

ANHEUSER BUSCH, INC.
BOILER FLOW DIAGRAM
JACKSONVILLE, FLORIDA


COORDINATES
4 37860 E.
33 66810 N.
Radio Towers
PECAN
JOSEPHINE RD.
ALVAREZ
COLE ROAD
ROAD
Oceanway
Sewage
COLE ROAD
Cedar
ROAD
BASE LINE
ROAD
Drive-in Theater
Water Works
Sewage Disposal
San Mateo
Creek
BROWARD
CEDAR BAY
State
Air National Guard
Waterworks
Radio Tower
Water Works
AVENUE
DUNN AVENUE
Northwood
Greene Park
PINE ESTATES RD
LEONID
WOFFORD AVE
Highlands
Highlands Park
Parking
BECKNER AVE
PHEASANT DR
DRIVE
MENLO AVE
PINEHURST DR
DE PAUL
HAVERFORD
BRIARCLIFF
WESTMAR RD
Highlands Sch
CARTHAGE DR
BROWARD
Sewage Disposal
EXPRESSWAY
IMESON AIRF