

DEPARTMENT OF ENVIRONMENTAL PROTECTION

REGISTRATION CERTIFICATE

EPAC-10 REV. 7-73

STATE OF CONNECTICUT
TRANSFERRED TO
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Electric Boat Corp



ENGINEER: WES DATE: 6/12/97

STACK NO. 00701000511

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	00700074
FIRM NAME			DATE ISSUED
ELECTRIC BOAT DIVISION			12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
EASTERN POINT ROAD		GROTON CONN 06340	
COMMISSIONER OR HIS REPRESENTATIVE			

DEPARTMENT OF ENVIRONMENTAL PROTECTION

FUEL BURNING EQUIPMENT REGISTRATION

STATE OF CONNECTICUT

7005

EP-4 NEW 5-72

TO: Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115. Tel. 566-2690

1. APPLICATION NO. EB-14	2. STACK NO. 126-5
PHONE 446-6111	

3. FIRM General Dynamics Corporation	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) Eastern Point Road Groton, Connecticut 06340
4. DIVISION Electric Boat Division		
5. APPLICANT Robert H. Secor		
6. INSTALLATION		
7. EQUIPMENT BEING REGISTERED Superior Fire Tube Boiler 250 BHP	TYPE OF EQUIPMENT (e.g., Boiler)	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes," file form EP-7) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

8. MAJOR ACTIVITY OF FIRM

MFG. OFFICE RETAIL OR WHLSE. STORE SCHOOL OR CHURCH HOTEL/MOTEL HOSPITAL OR LAB. WAREHOUSE RESIDENCE OR APTS. OTHER (Specify)

9. TYPES OF FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT	ASH CONTENT	ANNUAL USAGE (Tons, Gals., or Cu. Ft.)	MAXIMUM FIRING RATE		SEASONAL USE			FUEL SUPPLIER		
						(Lbs., Gals., Cu. Ft./hr.)	(BTU/hr.)	Month	to	Month	Name	City or Town	
<input type="checkbox"/>	COAL	Bituminous	. %	. %									
		Anthracite	. %	. %									
	OIL	Kerosene	. %	. %									
		2	. %	. %									
		4	x .48 %	.03 %	460,000	71 gal/hr	105x10 ⁶	Jan.		Jan.	Hess Oil Co.	Groton, Ct.	
		5	. %	. %									
NAT. GAS													
OTHER													

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: 110-190 °F

BURNER MANUFACTURER: Superior Combustion Industries, Inc.

BURNER MODEL No.: BRgH 6

11. TYPE OF COAL BURNER

HAND FIRED UNDERFEED STOKER TRAVELING GRATE CHAIN GRATE SPREADER STOKER STOKER WITH GAS REINJECTION CYCLONE FURNACE PULVERIZED COAL OTHER (Specify)

12. TYPE OF OIL BURNER

PRESSURE OR GUN ROTARY CUP STEAM ATOMIZER AIR ATOMIZER TANGENTIALLY FIRED OTHER (Specify)

13. COMBUSTION

OVERFIRE AIR CONTROL: YES NO

TYPE: TIME SWITCHED SMOKE INDICATOR MANUAL OTHER (Specify)

TYPE OF DRAFT: FORCED INDUCED NATURAL

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	15. EQUIPMENT INFORMATION	BREACHING GAS TEMPERATURE (°F)		No. OF IDENTICAL UNITS
					480		
	Particulate	4.36	Table 1-5		DATE SOURCE STARTED UP		
	NO ₂	18.4	" "		1965		
					EXHAUST GAS FLOW RATE (ACFM):	NORMAL: 24	MAXIMUM: 8424
					OPERATING HOURS:	HOURS PER DAY: ↓	HOURS PER YEAR: ↓

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. 18" in. OR _____ in. X _____ in.

STACK HEIGHT (Feet): 55'

IS STACK EQUIPPED WITH RAIN HAT? YES NO

SMOKE INDICATOR IN STACK: YES NO

MAKE AND MODEL NO.:

STACK LINING: METAL REFRACTORY OTHER (Specify)

17. STACK LOCATION

Name of nearest intersecting street: Chester Road

Distance to stack from intersection: 300 FT.

DIRECTION TO STACK: (Circle one) N, NE, E, SE, S, SW, **W**, NW

18. CERTIFICATION

I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subjects signer to provisions of the General Statutes regarding false and misleading statements).

SIGNED: Robert H. Secor

TITLE: Chief of Environmental Control

DATE: 9-29-72

CODED

MAIN FILE

