

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

TRANSFERRED TO:
Electric Boat Corp



ENGINEER WFS DATE: 6/12/97 STACK NO. 00701009505

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	00709068
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			

FUEL BURNING EQUIPMENT REGISTRATION

STATE OF CONNECTICUT

7005

EP-4 REV 5-72

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

1. APPLICATION NO. EB-8	2. STACK NO. 3-2
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3. FIRM General Dynamics Corporation	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) Eastern Point Road Groton, Connecticut 06340	PHONE 446-6111
4. DIVISION Electric Boat Division			
5. APPLICANT Robert H. Secor			
6. INSTALLATION			
7. EQUIPMENT BEING REGISTERED Superior Fire Tube Boiler-350 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	
COAL <input type="checkbox"/>	Bituminous		. %	. %									
		Anthracite	. %	. %									
	OIL <input checked="" type="checkbox"/>	Kerosene	. %	. %	. %								
		2	. %	. %	. %								
		4	. %	. %	. %								
		5	. %	. %	. %								
	6	X	.47 %	.03 %	150,000	96Gals/hr	13.8x10 ⁶				Hess Oil Co.	Groton, Ct.	
NAT. GAS <input type="checkbox"/>													
OTHER <input type="checkbox"/>													

CODED

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: 180/230 °F

BURNER MANUFACTURER: Superior Combustion Industries/Inc.

BURNER MODEL No.: N4AA6350D

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 OF DRAFT: FORCED INDUCED NATURAL

TYPE OF TIME SWITCHED: TIME SWITCHED SMOKE INDICATOR MANUAL OTHER (Specify)

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
					350	1	
	Particulate	1.7	Table 1-5	September 1966	DATE SOURCE STARTED UP		1
	NO ₂	6					
				As Req'd	EXHAUST GAS FLOW RATE (ACFM):		HOURS PER DAY
					OPERATING HOURS:		

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. 22 in. OR _____ in. X _____ in.

STACK HEIGHT (feet): 75

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: Thames Street, Eastern Point Road

Distance to stack from intersection: 325 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

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT 10/1/80

DATE REVIEWED 10/1/80 BY _____

DATE COPY SENT TO LOCAL AGENCY 10/1/80 BY _____

REGISTRATION NUMBER 070-0068

PREMISE NO. 70-05

STACK NO. 05

STATE GRID CO-ORDINATES
X 783,950 Z = 10' 783,900
Y 188,275 187,700

REGISTRATION CARD SENT _____ STORED ON COMPUTER
DATE 10/1/80 BY _____

EMERGENCY STANDBY PLANS

PLAN REQUIRED YES NO

DATE PLAN - MANUAL SENT TO APPLICANT _____ BY _____

DATE FORM RETURNED _____ BY _____

DATE PLAN APPROVED _____

[Handwritten signature]

Robert M. Hogg
Harrison Point Road
Newman Street

Division of Environmental Control
Office of