

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

TRANSFERRED TO:
Electric Boat Corp.



ENGINEER: WFS DATE: 6/22/97

STACK NO. 00701000501

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	30700057
FIRM NAME			DATE ISSUED
ELECTRIC BOAT DIVISION			12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
EASTERN POINT RD		GROTON CUNN 06340	
COMMISSIONER OR HIS REPRESENTATIVE			

DEPARTMENT OF ENVIRONMENTAL PROTECTION

TURNING EQUIPMENT REGISTRATION

NEW 5-72

STATE OF CONNECTICUT

PREMISE NO. 70-04

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

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1. APPLICATION NO. EB-1	2. STACK NO. 217-1
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3. FIRM General Dynamics Corporation	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) Eastern Point Road Groton, Ct. 06340	PHONE 446-6111
4. DIVISION Electric Boat Division			
5. APPLICANT Robert H. Secor			
6. INSTALLATION			
7. EQUIPMENT BEING REGISTERED Superior Fire Tube Boiler 200 (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., 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	X .48 %	.03 %	170,000gal	55gal/hr.	7.94 x 10 ⁶	77.5 x 10 ⁶	Sept	May	Hess Oil Co.	Groton, Ct.
			5	. %	. %								
NAT. GAS <input type="checkbox"/>													
	OTHER <input type="checkbox"/>												

CODED

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES NO

OIL TEMPERATURE BEFORE INJECTION: 110 °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 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	1.62	Table 1-5	1963	DATE SOURCE STARTED UP:			
	NO ₂	6.3						
				OPERATING HOURS:	HOURS PER DAY		HOURS PER YEAR	
					24		5760	

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

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

STACK HEIGHT (Feet): 40'

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: Allen Street
Thames Street

Distance to stack from intersection: 200 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

5-YIS
7-1-77
SIS-044

PERMITS NO. 10-11

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT. 11/1/77 BY _____

DATE REVIEWED 1/1/78 BY _____

DATE COPY SENT TO LOCAL AGENCY 1/1/78 BY _____

REGISTRATION NUMBER 070-0057

PREMISE NO. 70-05

STACK NO. 1 783300 189000 Z-10

STATE GRID CO-ORDINATES
X 784000 783250
Y 187500 189375 Z=20'

REGISTRATION CARD SENT _____ STORED ON COMPUTER _____

DATE 1/1/78 BY _____ BY _____

EMERGENCY STANDBY PLANS

PLAN REQUIRED YES NO

DATE PLAN - MANUAL SENT TO APPLICANT 1/1/78 BY _____

DATE FORM RETURNED 1/1/78 BY _____

DATE PLAN APPROVED 1/1/78 BY _____

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0-11

0378

Robert M. Heer
Director

COB

Robert M. Heer

Robert M. Heer

528