

REGISTRATION CERTIFICATE

EPAC-10 REV. 7-73

STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Transferred to:  
Electric Boat Corp.



ENGINEER: WPS DATE: 6/12/97 STACK NO. 00701000504

EQUIPMENT CLASSIFICATION				REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	<input type="checkbox"/> AIR POLLUTION CONTROL	00700067
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**

EP-4 REV. 5-72

STATE OF CONNECTICUT

7005

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

1. APPLICATION NO. EB-7	2. STACK NO. 3-1
PHONE 446-6111	

3. FIRM General Dynamics Corporation	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code) Electric Boat Div. Eastern Point Road	PHONE 446-6111
4. DIVISION Electric Boat Division		Groton, Connecticut 06340	
5. APPLICANT Robert H. Secor			
6. INSTALLATION			
7. EQUIPMENT BEING REGISTERED Furnace Type FM Boiler-60,000 #/hr	TYPE OF EQUIPMENT (e.g., Boiler) Babcock & Wilcox Integral	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		
						(Tons, Gals., or 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%	1,100,000	625	90x10 <sup>6</sup>	Oct	May	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: Babcock & Wilcox

BURNER MODEL No.: Type C21L

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	
					550	1		
	Particulate	12.6	Table 1-5		DATE SOURCE STARTED UP			
	NO <sub>2</sub>	44			October 1969			
					EXHAUST GAS FLOW RATE (ACFM):		NORMAL	MAXIMUM
					OPERATING HOURS:		HOURS PER DAY	HOURS PER YEAR
					24		5200	

16. STACK INFORMATION

STACK EXIT DIRECTION:  HORIZ.  VERT.

STACK EXIT DIMENSIONS: I.D. 48 in. OR \_\_\_\_\_ in. X \_\_\_\_\_ in.

STACK HEIGHT (Feet): 135

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: 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

MAIN FILE

PLEASE DO NOT WRITE IN THIS SPACE

DATE RCV'D FROM APPLICANT                     

DATE REVIEWED                      BY                     

DATE COPY SENT TO LOCAL AGENCY                      BY                     

REGISTRATION NUMBER 070-0067

PREMISE NO. 70-05

STACK NO. 4

STATE GRID CO-ORDINATES

X 783,275 Z = 10' 783900 Z = 10  
Y 188,275 187700

REGISTRATION CARD SENT

STORED ON COMPUTER

DATE                      BY                     

EMERGENCY-STANDBY PLANS

PLAN REQUIRED  YES  NO

DATE PLAN - MANUAL SENT TO APPLICANT                      BY                     

DATE FORM RETURNED                      BY                     

DATE PLAN APPROVED                     

443-144

50 not 10

1430

COSE

97-28-2

1430

*Handwritten signature*

Robert H. Heedy

Robert H. Heedy

OK