

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 01071000804

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	01070020
FIRM NAME			DATE ISSUED
CONN LIGHT & POWER CO			12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
LATHROP ROAD		UNCASVILLE CONN 06382	
COMMISSIONER OR HIS REPRESENTATIVE			

DEPARTMENT OF ENVIRONMENTAL PROTECTION

FUEL BURNING EQUIPMENT REGISTRATION
EPAC-4 Rev. 2/73

MONTVILLE #6

STATE OF CONNECTICUT

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

1. APPLICATION NO.	2. STACK NO.
4J-P06	6

3. FIRM	LEGAL NAME	BUSINESS ADDRESS (No. & Street, City, Zip Code)	PHONE
4. DIVISION	Northeast Utilities	P.O. Box 270, Hartford, CT 06101	666-6911
5. APPLICANT	The Connecticut Light & Power Co.	P.O. Box 270, Hartford, CT 06101	666-6911
6. INSTALLATION	W. G. Council, Senior Vice President	P.O. Box 270, Hartford, CT 06101	666-6911
7. EQUIPMENT BEING REGISTERED	TYPE OF EQUIPMENT (e.g., Boiler)	Lathrop Road, Uncasville, CT 06382	848-9248
	Steam boiler for electric power generation	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 WHOLE STORE
 SCHOOL OR CHURCH
 HOTEL/MOTEL
 HOSPITAL OR LAB.
 WAREHOUSE
 RESIDENCE OR APTS.
 OTHER (Specify) **Public Utility Holding Company**

9. TYPES OF FUELS USED	FUEL	GRADES (a)	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					
OIL <input checked="" type="checkbox"/>	2	Bituminous	. %	. %	110,586	224	31,360,000	-	-	Hess Oil & Chemical Division	City or Town					
		Anthracite	. %	. %												
		Kerosene	. %	. %												
		4	. %	. %								1979	-	-	Amerada Hess Corp.	Woodbridge, NJ
		5	. %	. %												
		6	. %	. %												
NAT. GAS <input type="checkbox"/>	0.43 %	0.02 %	53,991,630	27800	4,059,000,000	-	-	(same as above)								
OTHER <input type="checkbox"/>																

10. BURNER EQUIPMENT

ARE OIL HEATERS USED? YES
 NO
 OIL TEMPERATURE BEFORE INJECTION: 165 °F
 BURNER MANUFACTURER: Combustion Engineering, Inc.
 BURNER MODEL No.: WRT-P

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) none

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) automatic
 TYPE OF DRAFT: FORCED
 INDUCED
 NATURAL

14. POLLUTANTS EMITTED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	\$. EQUIPMENT INFORMATION	BREACHING GAS TEMPERATURE (°F)		No. OF IDENTICAL UNITS
					600	1	
	Particulates	458.7	Source Test		DATE SOURCE STARTED UP: July 1971		
	Oxides of Sulfur	1846	HEW list-emission factor		EXHAUST GAS FLOW RATE (ACFM):		
	Carbon Monoxides	1.1	" " " "		NORMAL: 1,685,000	MAXIMUM: 1,820,000	
	Hydro carbon	54.0	" " " "		OPERATING HOURS: HOURS PER DAY: 24 HOURS PER YEAR: 2802		
	Oxides of Nitrogen	1059.8	Source Test				

16. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT
 STACK EXIT DIMENSIONS: ID 216 in. OR _____ in. X _____ in.
 STACK HEIGHT (feet): 390
 IS STACK EQUIPPED WITH RAIN CAP? YES NO
 SMOKE INDICATOR IN STACK: YES NO
 MAKE AND MODEL NO.: Leeds & Northrup Model 6595-A1
 STACK LINING: METAL
 REFRACTORY
 OTHER (Specify)

17. STACK LOCATION

Name of nearest intersecting street: Powerhouse Road
 Distance to stack from intersection: 1583 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: *W. G. Council*
 TITLE: Senior Vice President
 DATE: 9/9/80

MAIN FILE

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