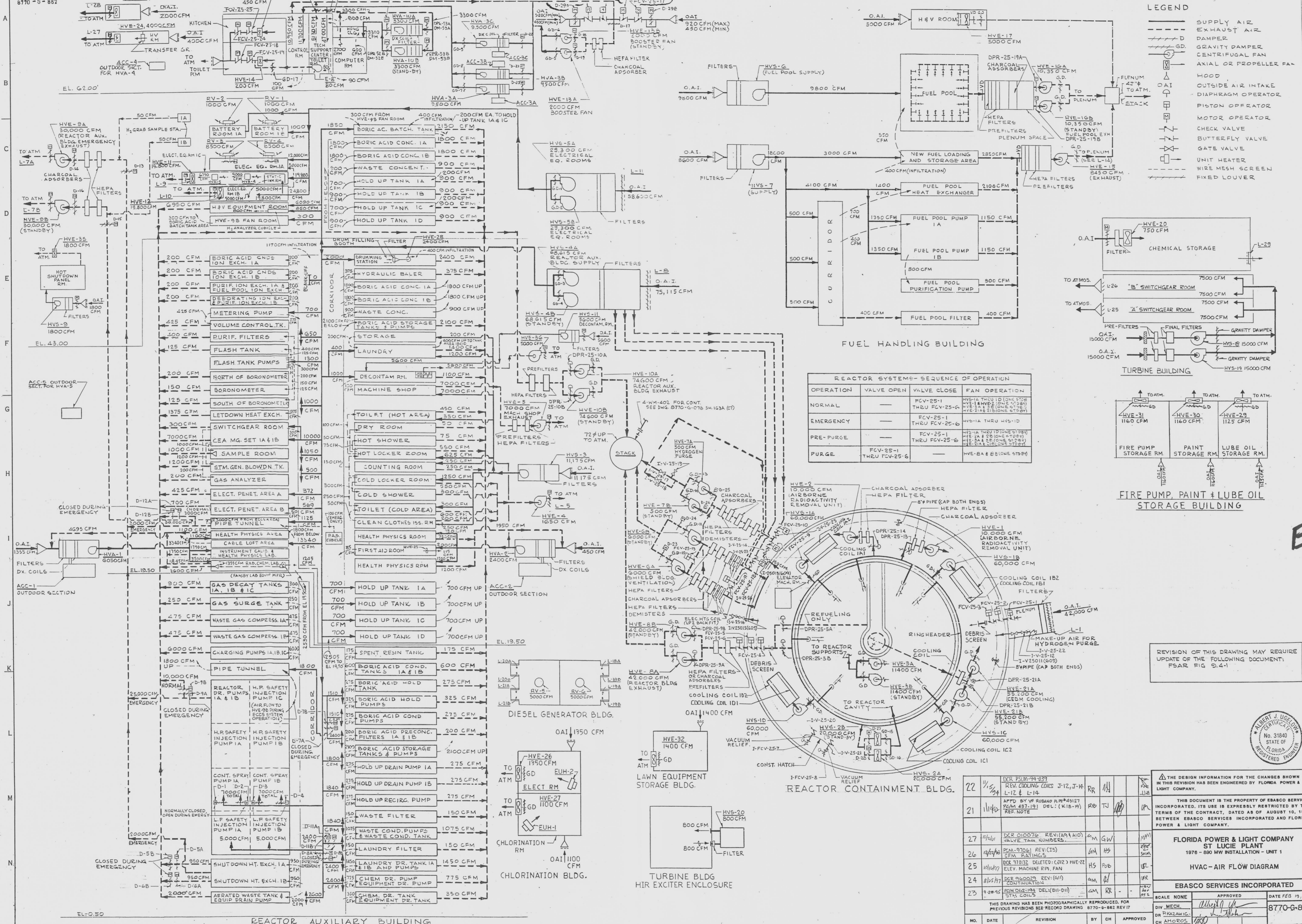


DRAWING NUMBER 8770-G-862 R127

DRAWING NUMBER

NUMBER

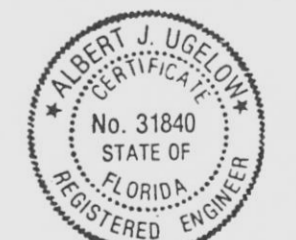
- LEGEND**
- SUPPLY AIR
  - EXHAUST AIR
  - ⊘ DAMPER
  - ⊘ GRAVITY DAMPER
  - ⊘ CENTRIFUGAL FAN
  - ⊘ AXIAL OR PROPELLER FAN
  - ⊘ HOOD
  - ⊘ OUTSIDE AIR INTAKE
  - ⊘ DIAPHRAGM OPERATOR
  - ⊘ PISTON OPERATOR
  - ⊘ MOTOR OPERATOR
  - ⊘ CHECK VALVE
  - ⊘ BUTTERFLY VALVE
  - ⊘ GATE VALVE
  - ⊘ UNIT HEATER
  - ⊘ WIRE MESH SCREEN
  - ⊘ FIXED LOUVER



**REACTOR SYSTEMS - SEQUENCE OF OPERATION**

OPERATION	VALVE OPEN	VALVE CLOSE	FAN OPERATION
NORMAL	—	FCV-25-1 THRU FCV-25-6	HVE-1A THRU HVE-1D (ONLINE STBY) HVE-1E & HVE-1F (ONLINE STBY) HVE-2A & HVE-2B (ONLINE STBY)
EMERGENCY	—	FCV-25-1 THRU FCV-25-6	HVE-1A THRU HVE-1D
PRE-PURGE	—	FCV-25-1 THRU FCV-25-6	HVE-1A THRU HVE-1D (ONLINE STBY) HVE-1E & HVE-1F (ONLINE STBY) HVE-2A & HVE-2B (ONLINE STBY)
PURGE	FCV-25-1 THRU FCV-25-6	—	HVE-1A & HVE-1B (ONLINE STBY)

REVISION OF THIS DRAWING MAY REQUIRE UPDATE OF THE FOLLOWING DOCUMENT:  
FSAR FIG 9.4-1



NO.	DATE	REVISION	BY	CH	APPROVED
22	1/15/79	DKR PSLM-99-027 REV. COOLING COILS J-12, J-14	RR	HS	
21	1/14/79	APPD BY VP RUBAN R-49127 FROM 8770-101 DEL: (K15-19) PER. NOTE	RB	TJ	
27	10/4/78	DKR 010076 REV: (A) (A) VALVE TAG NUMBERS.	AM	GW	
26	10/4/78	DKR 97061 REV: (15) CFM RATINGS	AM	HS	
25	10/14/77	DKR 31032 DELETED: (1)2 HVE-22 ELEV. MACHINE RM, FAN	HS	POB	
24	8/15/77	DKR 010076 REV: (41) CONTINUITY	AM	RR	
23	9/20/75	DKR 010076 DEL: (11-11) STM. COILS	AM	RR	

SCALE NONE APPROVED DATE FEB 19, 1979  
DIP. MECH. APPROVED DATE FEB 19, 1979  
OR P. KAZANIG. APPROVED DATE FEB 19, 1979  
CH AMOROS. APPROVED DATE FEB 19, 1979

THE DESIGN INFORMATION FOR THE CHANGES SHOWN IN THIS REVISION HAS BEEN ENGINEERED BY FLORIDA POWER & LIGHT COMPANY.

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**FLORIDA POWER & LIGHT COMPANY**  
ST LUCIE PLANT  
1978 - 880 MW INSTALLATION - UNIT 1  
HVAC - AIR FLOW DIAGRAM

**EBASCO SERVICES INCORPORATED**

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CH AMOROS. APPROVED DATE FEB 19, 1979