



P-314B (NOTE 1)

P-314A (NOTE 1)

A-306

REVISIONS		ITEM NO.		SERVICE		MATERIAL		INSULATION		ITEM NO.		SERVICE		MATERIAL		INSULATION	
1	COOLING WATER SUPPLY (4" COL. W/PT)	15	DESUPER-HEATED STEAM	STEAM	CONDENSATE	DRY OR DIRTY WATER SEWER	PUMP/OUT	CARG START-UP GAS	PROCESS CONDENSATE	1	FLARE STACK	2	FLARE STACK	3	FLARE STACK	4	FLARE STACK
2	COOLING WATER RETURN (4" COL. W/PT)	POTABLE WATER	TREATED WATER	CHEMICAL WASTES	SANITARY SEWER	PIPELINE GAS (NAT. GAS)	BLOWDOWN	PIPELINE GAS (NAT. GAS)	RAW WATER	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK
3	450# H.P. STEAM	PLANT AIR	FUEL OIL (NAPHTHA)	FIRE WATER	FLUSHING OIL	INERT GAS (CO2)	FLARE	INERT GAS (CO2)	FUEL GAS (STRETTFORD)	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK
4	150# ATOMIZING STEAM	INSTRUMENT AIR	FUEL GAS (NATURAL GAS)	FIRE WATER	FLUSHING OIL	SOUR WATER	TO ATMOSPHERE	SOUR WATER	SOUR WATER	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK
5	50# L.P. STEAM	INSTRUMENT AIR	CLEAN WATER SEWER	FLUSHING OIL	FLUSHING OIL	PRESSURIZATION AIR	TO ATMOSPHERE	PRESSURIZATION AIR	PRESSURIZATION AIR	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK	2	FLARE STACK

  

ITEM NO.	DESCRIPTION	DATE	BY	REASON
1	FLARE STACK	11-7-79	AS-BUILT	
2	FLARE STACK	3-16-79	FINAL	
3	FLARE STACK	4-19-79	RELEASED FOR ERECTION	
4	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
5	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
6	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
7	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
8	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
9	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
10	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	

  

ITEM NO.	DESCRIPTION	DATE	BY	REASON
1	FLARE STACK	11-7-79	AS-BUILT	
2	FLARE STACK	3-16-79	FINAL	
3	FLARE STACK	4-19-79	RELEASED FOR ERECTION	
4	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
5	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
6	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
7	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
8	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
9	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	
10	FLARE STACK	APRIL 18 78	RELEASED FOR ERECTION	

**PHILADELPHIA GAS WORKS**  
 ENGINEERING DEPT. PHILADELPHIA, PA.  
 W.C. PSW DWG. NO. 12-A-191  
 APPROVED

ITEM NOS. THIS DWG. P-314 A & B A-306

FOSTER WHEELER ENERGY CORPORATION  
 110 SOUTH ORANGE AVENUE, ALPHARETTA, N.J.  
 AND IS LENT WITHOUT CONSIDERATION OTHER THAN THE  
 BORROWER'S AGREEMENT THAT IT SHALL NOT BE  
 REPRODUCED, COPIED, KEPT, OR DISPOSED OF DIRECTLY  
 OR INDIRECTLY FOR ANY USE, FOR ANY PURPOSE, OTHER  
 THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED  
 THE APPLICABLE DRAWING IS COVERED BY PATENTS.

ENGINEERING FLOW DIAGRAM  
 SECTION 300-SUPPORT FACILITIES  
 WASTE GAS DISPOSAL  
 60 MM SCFD SNG PLANT  
 PHILADELPHIA GAS WORKS  
 PHILADELPHIA, PENNSYLVANIA

EST. NO. 15 1779  
 DWG. NO. 1779-1-50-27