

POOR ORIGINAL

HANGER LEGEND

- HANGING HANGER
- RIGID HANGER
- ANCHOR
- ≡ GUIDE

WELDING REQUIREMENTS

Pipe Class: DISCONTINUED WELD

- | | | |
|------------------------------------|------------------------------------|---|
| <input type="checkbox"/> P1-A-C-LH | <input type="checkbox"/> E-705-2 | <input type="checkbox"/> Pre-Heat - 60°F |
| <input type="checkbox"/> P1-AT-LH | <input type="checkbox"/> E-6010 | <input type="checkbox"/> Pre-Heat - 200°F |
| <input type="checkbox"/> P1-A | <input type="checkbox"/> E-7018 | <input type="checkbox"/> Pre-Heat - 250°F |
| <input type="checkbox"/> P1-AT-Ag | <input type="checkbox"/> ER-308-L | <input type="checkbox"/> Pre-Heat - 375°F |
| <input type="checkbox"/> P1-T | <input type="checkbox"/> ER-309 | <input type="checkbox"/> Pre-Heat - 450°F |
| <input type="checkbox"/> P1-A-LH | <input type="checkbox"/> E-309-16 | <input type="checkbox"/> Pre-Heat - 375°F |
| <input type="checkbox"/> P1-AT-LH | <input type="checkbox"/> E-308L-16 | <input type="checkbox"/> Inter Pass - 375°F |
| <input type="checkbox"/> P1-AT | <input type="checkbox"/> E-8018B-2 | <input type="checkbox"/> Backing Ring Req'd |
| <input type="checkbox"/> P1-AT-Ag | <input type="checkbox"/> ER-515 | <input type="checkbox"/> Argon Purge Req'd |
| <input type="checkbox"/> P1-AT-Ag | <input type="checkbox"/> NDE | <input type="checkbox"/> Pre-Weld Insp. Req'd |

Above Welding Requirements Are Certified Correct

NO	DATE	DESCRIPTION	DRW	CHK	APPR
1		ADD RIG GUIDE/REISSUE OR ASME			
2		DELETED RIG/AS-BUILT			

REV. 14 NOTES:
CHANGED HANGER SYMBOL
FOR H1.

REV. 14 NOTES:
REINSTATED AS BUILT CONDITION
VOIDING REV. 11 NOTES
REINSTATED WELDS 22, 32, 33
DELETED: P1-AT-Ag WELD 41 THRU 45
NOTE 4 REVISED FROM LF-SW
TO COMPLY WITH EXISTING
CONDITION. SWR 2437 HAS BEEN
DELETED AND SWR 2309 IS
SUPERCEDED BY SWR 2369

REV. 14 NOTES:
DELETED: WELDS 22, 32, 33
ADDED: P1-AT-Ag
WELDS 41 THRU 45
NOTE 4
REVISED FROM LF-SW
REVISED TWO PER SWR 2369
SWR 2437

REV. 14 NOTES:
DELETED: HGRS H3 H5 H7 H9
ADDED: HGRS H2001 H2003 H2004
H2005, CH-SYM FOR H11 PER
ENGR REV 9E1
DELETED: P1-AT-Ag
WELDS 13 14 17 18
REVISED FOOTAGE NO OF WELDS 7
BOM CHGD PER SWR 2324

LOW 1/16" ROOT GAP ON ALL SOCKET WELDS

*VENDOR SUPPLIED

H = HORIZONTAL V = VERTICAL

B = BEND

FT.F. = FIELD TO FIT

SFHO-SK-M-5499

LF 28'
WELDS 27

DATE	DESCRIPTION	DRW	CHK	APPR
1-14-81	REISSUE CORRECTED BOM OF MAT'L	SK	SK	YEN
2-4-81	SEE REV. NOTES / ISS. D.R. / ASME AS BUILT	SK	SK	YEN
1-30-81	ISSUE ASME AS BUILT	SK	SK	YEN
2-18-81	SEE REV. NOTES / REISSUE CONST.	SK	SK	YEN
1-24-81	SEE REV. NOTES / REISSUE CONST.	SK	SK	YEN
2-9-81	SEE REV. NOTES / REISSUE CONST.	SK	SK	YEN

NOTES:

- 1. □ - DENOTES PIECE NO.
- 2. ○ - DENOTES FIELD WELD
- 3. ● - DENOTES SHOP WELD

FINAL AS-BUILT DRAWING
NO FIELD CHG. REDLINE
W. D. APPROV. OF LD. PIPE
ENGR. OR HIS DESIGNEE
RE APPR. PH

ATTACHMENT #2
SK-M-5499
1 OF 4
ASME N 5 SYS 1-59A

PRC ZONE II
APERTURE
CARD

RECORD COPY

WELDING REQUIREMENTS

Pipe Class: HCB

- | | | |
|-------------------------------------|------------------------------------|---|
| <input type="checkbox"/> P1-A-C-LH | <input type="checkbox"/> E-705-2 | <input type="checkbox"/> Pre-Heat - 60°F |
| <input type="checkbox"/> P1-AT-LH | <input type="checkbox"/> E-6010 | <input type="checkbox"/> Pre-Heat - 200°F |
| <input type="checkbox"/> P1-A (ALT) | <input type="checkbox"/> E-7018 | <input type="checkbox"/> Pre-Heat - 250°F |
| <input type="checkbox"/> P1-AT-Ag | <input type="checkbox"/> ER-308-L | <input type="checkbox"/> Pre-Heat - 375°F |
| <input type="checkbox"/> P1-T | <input type="checkbox"/> ER-309 | <input type="checkbox"/> Pre-Heat - 450°F |
| <input type="checkbox"/> P1-A-LH | <input type="checkbox"/> E-309-16 | <input type="checkbox"/> Pre-Heat - 375°F |
| <input type="checkbox"/> P1-AT-LH | <input type="checkbox"/> E-308L-16 | <input type="checkbox"/> Inter Pass - 375°F |
| <input type="checkbox"/> P1-AT | <input type="checkbox"/> E-8018B-2 | <input type="checkbox"/> Backing Ring Req'd |
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BILL OF MATERIAL

QTY	SIZE AND DESCRIPTION	ASME	GR	PC NO	HEAT NO
3	1" PIPE SCH 40 SS SMLS	SA 376	TP 304	1	
1	1" TEE 3000" SW SA 182 304			15	
1	1" 90° ELL 3000" SW SA 182 304			27	
1	1" CCA GB			24	11828
1	1" CCA GB			25	11830
1	XV 15517			26	353
1	1" 90° ELL 3000" SW SA 182 304			27	
2	1" PIPE SCH 40 SS SMLS SA 376 304			28	
1	1" 90° ELL 3000" SW SA 182 304			29	
1	1" 90° ELL 3000" SW SA 182 304			30	

NUCLEAR CL 2
SEISMIC CL I
HGR CRITICAL
RADIOACTIVE

QUALITY CONTROL DATA

O-DOCUMENTATION		SEISMIC ANALYSIS			
REQ'D X		NOT REQ'D			
REQ'D X		NOT REQ'D			
SHOR FAB X		FIELD FAB			
START UP NO	COST CODE	INSUR CL	THICK		
1-59A	55.34	—	—		
P&ID	PLANT DESIGN DWG				
M-155	(B-5)	SP-27-1	SP-27-2		
UNIT	ELEV	AREA			
1	670'-0"	27			
1	1-17	REV'D DIMS/REISSUE OR AS BUILT	GDH GKS YEN		
2	2-11	CHG'D DIMS/ISSUE OR AS BUILT	SKH GKS YEN		
3	2-11	DELETED SW 22/23/24/25/26/27/28/29/30/REISSUE CONST.	SKH DH YEN		
4	2-23	DELETED FW 23/24/25/26/27/28/29/30/REISSUE CONST.	SKH GKS YEN		
5	2-14	DELETED SW 24/25/26/27/28/29/30/REISSUE CONST.	SKH GKS YEN		
6	2-27	CHG' VLV. No / REISSUE FOR CONST.	SKH DH JS		
7	2-6	ADD FW 22/23/24/25/26/27/28/29/30/REISSUE FOR CONST.	SKH GKS YEN		
8	2-14	DELETED SW 22/23/24/25/26/27/28/29/30/REISSUE FOR CONST.	SKH DH YEN		
9	2-12	ADD WELDING REQUIREMENTS FOR FW 23	SKH GKS YEN		
10	2-23	ISSUED FOR CONSTRUCTION	GDH SS YEN		
NO	DATE	DESCRIPTION	DRWN	CHK'D	APPR

BECHTEL POWER CORPORATION

RECORD COPY
PENNSYLVANIA POWER & LIGHT COMPANY
SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 1 UNIT 2

TITLE
FOR SUPPRESSION POOL WATER LEVEL
INSTRUMENTATION

JOB NO	DRAWING NO	REV
8856	SP-HCB-133-1	16