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MDC G8217

10-MWe Solar-Thermal
Central-Receiver Pilot Plant

MASTER

SOLAR-FACILITIES DESIGN INTEGRATION

PIPING AND INSTRUMENTATION DIAGRAMS
(RADL ITEM 2-16)

BOOK 2

January 1980

WORK PERFORMED UNDER CONTRACT
DE-AC03-79SF10499

MCDONNELL DOUGLAS ASTRONAUTICS COMPANY
5301 BOLSA AVENUE
HUNTINGTON BEACH, CA 92647



U.S. Department of Energy



Solar Energy

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**10-MWe Solar-Thermal
Central-Receiver Pilot Plant
Solar-Facilities Design Integration**

**PIPING AND INSTRUMENTATION DIAGRAMS
(RADL ITEM 2-16)
BOOK 2**

January 1980

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SOLAR ENERGY
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PREFACE

This document is provided by the McDonnell Douglas Astronautics Company (MDAC) in accordance with Department of Energy Contract Number DE-AC03-79SF10499, Reports and Deliverables List, Item 2-16. The material is an update and expansion of the material submitted in preliminary form in September 1979. This RADL Item is being submitted in two books, with Book 1 containing the actual Piping and Instrumentation Diagrams. Supporting material, such as the Line List and Instrument List, is provided in Book 2. Piping and Instrumentation Diagrams prepared by both the SFDI and Southern California Edison are included in Book 1 to provide a complete package for the Pilot Plant, and the drawings reflect a co-ordinated effort by Southern California Edison, McDonnell Douglas, Stearns-Roger, and Rocketdyne to define interfaces and present a uniform format and drawing nomenclature. The latest revision to the overall System Piping and Instrumentation Diagram is being prepared as of this mailing date and will be transmitted as soon as it is available.

Technical questions concerning this RADL Item should be directed to Mr. R. G. Riedesel at (714) 896-3357.

RADL 2-16, JANUARY 1980
PIPING AND INSTRUMENTATION DIAGRAMS
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Number 40P2002133104)

INTERFACE LIST

P26-11

Order Number C-21700

Department of Energy
Ten Megawatt Solar Pilot Plant
Daggett, California

Preface

This document identifies the mechanical process interfaces between the various solar subsystems and the EPGS as well as other interfaces within the solar subsystem and between the solar subsystems and various vendor furnished equipment.

The interface numbers contained in this list are shown in the various P&ID's noted herein, and will also be reflected on the physical construction drawings.

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Interfaces

Southern California Edison

Rocketdyne

Vendors

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A

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SECTION A

INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
1	6"-MS-2-QEB TURBINE CONN.	MAIN ST. FROM RS	5133140/5133306	112300 1450 950	30000 1450 950	120000 LB/HR 1765 PSIG 1010 °F	Part from RI3
2	6"-ST-5-FBA TURBINE CONN.	ADMISSION ST.	5133140/5133306	110000 370 525	5500 370 525	110000 LB/HR 450 PSIG 580 °F	84I + 85I
3	4"-VT-4-FBA (SCE-LATER)	VENT FROM TSS FLASH TANK	5133140/5133306	30822 135 358 (480)	623 135 358	30822 LB/HR 165 PSIG 535 °F	Flow from 101 Ignores line loss from 18I
4	2-1/2"-VT-12-KEB (SCE-LATER)	VENT FROM RS FLASH TANK (VT-1)	5133140/5133306	6285 365 660	800 365 439	6285 LB/HR 585 PSIG 960 °F	Partial flow from RI6 660°F Limit set by temp. override on steam to DA
5	1"-N-2-BBD (SCE-LATER)	NITROGEN PURGE FROM PSS	5133140 & 5133152/5133306	100 135 20	10 135 20	N/A CFM 150 PSIG 20 °F	
6	6"-AS-10-BBA (SCE-LATER)	AUX. ST. SUPPLY FROM RACK	5133140/5133306	14050 60 345	100 40 287	18010 LB/HR 75 PSIG 365 °F	
7	-CO-7-BBA (SCE-LATER)	CO. HOTWELL PUMP TO DESUPERHEATER SPRAY	5133141/5133301	26372 115 121	170 115 108	26372 LB/HR PSIG 121 °F	Condensate pump max. pressure
8	6"-MS-2-QEB (SCE-LATER) MSS-501-2"-S-15	MS. DR. DOWNSTREAM TURBINE STOP-VALVE	5133140/5133306	1450 950		LB/HR 1765 PSIG 1010 °F	

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INTERFACE LIST (S-R/SCE)
STEARNS-ROGER

DRAWING NO. P26-11

INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
9	6"-ST-5-FBA MSS-512-2"-R-IN	ADMISSION ST. DR. UPSTREAM TURBINE STOP-VALVE	5133140/5133306	370 525		LB/HR 450 PSIG 580 °F	
10	6"-MS-2-QEB MSS-507-1/2"-S-IS	RS ST. TO SAMPLE PANEL	5133140/5133306	1450 950		LB/HR 1765 PSIG 1010 °F	
11	6"-ST-5-FBA MSS-506-1/2"-R-IS	TSS ADMISSION ST. TO SAMPLE PANEL	5133140/5133306	370 525		LB/HR 450 PSIG 580 °F	
12	10"-MS-7-FEA CONDENSER CONN.	MAIN ST. DUMP	5133140/5133306	138672 85 350	4170 85 350	138672 LB/HR 85 PSIG 350 °F	
13	4"-FW-2-MBA CCS-361-6"-T-IH	FEEDWATER TO RS	5133141/5133301	160000 2034 348 (400)	31716 1575 228	160000 LB/HR 2408 PSIG 415 °F	Assume 10 psi/ heater
14	4"-FW-2-MBA CCS-360-4"-T-IH	FEEDWATER BYPASS @ E-902	5133141/5133301	160000 2054 348 (400)	31716 1575 228	160000 LB/HR 2408 PSIG 415 °F	
15	4"-FW-10-FBA TSS F.W. P-903	FEEDWATER TO TSS STEAM GENERATOR	5133141/5133301	110000 485 281	5500 485 228	110000 LB/HR PSIG 281 °F	Line size on hold. Flows to 76I & 77I
16	4"-FW-10-FBA CCS-310-3/4"-N-IH	AUX. FEEDWATER PUMP TO TSS	5133141/5133301			LB/HR PSIG °F	

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INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
17	4"- CO-5-BBA CCS-329-4"-N-IS	CO DRAIN FROM TSS FLASH TANK	5133141/5133301	117500 150 358	5679 150 358	117500 LB/HR 206 PSIG 360 °F	Flow from 13I
18	2"- CO-1-FBA CCS-331-2"-R-IS	CO DRAIN FROM RS FLASH TANK	5133141/5133301	40000 485 467	4000 365 439	40000 LB/HR 660 PSIG 486 °F	Flow from RI8
19	4"- FW-2-MBA CCS-303-2"-T-IH	FEEDWATER CLEAN-UP	5133141/5133301			LB/HR PSIG °F	
20	4"- FW-2-MBA CCS-306-1/2"-T-IH	FW TO SAMPLE PANEL	5133141/5133301			LB/HR PSIG °F	
21	2"- DW-3-BSA CCS-337-2"-V	FROM DEMINERALIZED WATER TRANSFER PUMP 707 COND. STORAGE TK	5133145	75 60	60	GPM PSIG °F	
22	4"-SW-5-ABA SFW-708-4"-L	SERVICE WATER TO EPGS AREA	5133150/5133304			LB/HR PSIG °F	
23	1-1/2"-SA-1-ABA CAS-211-1-1/2"-L	SERVICE AIR FROM EPGS AREA	5133147/5133305	100 110	100 110	150 PSIG 150 °F	
24	1-1/2"-NA-1-ABA CAS-209-1-1/2"-J	INSTRUMENT AIR FROM EPGS	5133147/5133305			LB/HR PSIG °F	

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INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
25	1-1/2"-EW- -ABA BCW-105-1-1/2"-L	EQUIPMENT COOLING WATER SUPPLY TO PSS	/5133303			LB/HR PSIG °F	
26	1-1/2"-EW- -ABA BCW-128-1-1/2"-L	EQUIPMENT COOLING WATER RETURN FROM PSS	/5133303			LB/HR PSIG °F	
27	6"-FP-27-CBC SFW-701-6"-L	FIRE PROTECTION SYS. TO EPGS AREA	5137148/5133304	500 125 60	- 125 60	175 PSIG 60 °F	GPM
28	6"-ST-5-FBA MSS-529-2"-R-IS	ADMISSION DR DOWN- STREAM TURBINE STOP- VALVE	5133140/5133306	370 525		450 580 PSIG °F	LB/HR
29	4"-OW-1-YIB SPS-605-4"-K	DRAINS FROM EPGS AREA TO OIL WATER SEPARATOR	5133149/5133308	0 60	0 .60	0 60 PSIG °F	LB/HR
30	4"-FW-10-FBA CSS-311-2-R-IS	3RD FW RECIR. TO DEAERATOR	5133141/5133301			PSIG °F	LB/HR
31	6"-MS-2-QEB MSS-543-2"-S-IS	MAIN STEAM UPSTREAM TURBINE STOP VALVE	5133140/5133306	1450 950		1765 1010 PSIG °F	LB/HR
32	3"-CO-6- CCS-376-3"-?-IS	RS PANEL DRAIN TO CONDENSER	5133141/			PSIG °F	LB/HR
33		DELETED					

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INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
34	8"-RW-6-AQD	WELL "A" TO RAW WATER STORAGE TK	5133150/5116155			LB/HR PSIG °F	
35	3"-SW-12-AQD CWS-415-3"-L	SERVICE WATER TO COOLING TOWER	5133150/5133302			LB/HR PSIG °F	
36		DELETED					
37		DELETED					
38		DELETED					
39		DELETED					
40	2"-SW-15-AQD WATER SUPPLY	TO ADMINISTRATION BUILDING (REST ROOM)	5133150/5157631	75 60	0 60	LB/HR PSIG 60 °F	
41	P-917 CSS-308-6"-N-IH	RECEIVER FEED PUMP SUCTION	5133141/5133301			LB/HR PSIG °F	
42	P-917 CCS-301-4"-T-IH	RECEIVER FEED PUMP DISCHARGE	5133141/5133301	163700 2163 228		MIN. FLOW LB/HR 2408 PSIG 450 °F	
43		DELETED					
44		DELETED					

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				MAXIMUM	MINIMUM		
45		DELETED					
46		DELETED					
47		DELETED					
48		DELETED					
49		DELETED					
50		DELETED					
51	6"-ST-5-FBA (SCE-LATER)	ADMISSION ST. TO TURBINE SEAL REG	5133140/			LB/HR PSIG °F	HOLD
52	6"-FP-20-CQA SFW-701-6"-L	FIRE PROTECTION FROM EPGS	5133148	500 125 60	- 125 60	500 LB/HR 175 PSIG 60 °F	
53	-CO-13- (SCE-LATER)	COND COLLECTION HDR FROM PSS TRAPS TO COND	5133141/			LB/HR PSIG °F	HOLD
54	4"-FW-10-FBA CCS-373-3/4"-R-IH	TSS FW PUMP TO AUX STEAM SYS	5133141/5133301				
55	P-917 CCB-342-3/4"-L	REC FEED PUMP SEAL WATER FROM COND. HOTWELL PUMP	5133141/5133301				

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INTERFACE NO.	LINE NO. S-R/SCE	LINE DESCRIPTION	P & ID S-R/SCE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
56	P-917 CCS-341-3/4"-N	REC FEED PUMP SEAL WATER RETURN TO COND	5133141/5133301				
57	COOLING TOWER BASIN (SCE-LATER)	SECONDARY FIRE PUMP SUMP SUPPLY	5133148/5133302	1500 2 60	2 60	GPM 5 PSIG 60 °F	
58	2"-CO-8-BBA WTS-1010-1"-N	CO TO DS-902	5133141/5133301	2292 100 121	50 100 109	2292 LB/HR PSIG 135 °F	
59	4"-WD-2-AQD SDS-603-4"-M	DRAIN TO EVAPORATION POND	5133149/				
60	10"-MS-7-FEA MSS-529-4"-R-IH	TSS FLASH TK TO PUMP	5133140/				
61	6"-WD-2-AQD SDS-603-4"-M	POLISHING DEMIN SUMP DISCHARGE	5133149				
62	6"-FP-38-AQD SCE COOLING TOWER BASIN	F.P. ALTERNATE WATER SUPPLY	5133148				

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
1I	6"-MS-3-QEB (R-LATER)	DESUPEHEATER DS-301 STEAM INLET (SA-301)		130000 1450 650(950)	5027 1450 950	130000 LB/HR 1765 PSIG 1010 °F	
2I	1-1/2"-FW-9-MBA (R-LATER)	DESUPERHEATER DS-301 WATER INLET (SA-301)		25000 2034 358(415)	1273 2009 406	25000 LB/HR 2408 PSIG 450 °F	
4I	8"-MS-4-KBA (R-LATER)	DESUPERHEATER DS-301 STEAM OUTLET (SA-301)		130000 1385 650	6300 1385 650	130000 LB/HR 1565 PSIG 675 °F	
5I	8"-MS-4-KBA (R-LATER)	TSS CONDENSER E-302 STEAM INLET (SA-303)		65000 1385 650	6300 1385 650	65000 LB/HR 1565 PSIG 675 °F	Ignores S-R line loss
6I	8"-MS-4-KBA (R-LATER)	TSS CONDENSER E-301 STEAM INLET (SA-302)		65000 1385 650	6300 1385 650	65000 LB/HR 1565 PSIG 675 °F	Ignores S-R line loss
7I	1"-ST-1- (R-LATER)	STEAM WARM-UP FROM SA-303		3030 135 480		3030 LB/HR 165 PSIG 535 °F	Hold for Spec Expand 15I steam
7IA	1"-ST-1- (R-LATER)	STEAM WARM-UP TO SA-301		6060 135 480		6060 LB/HR 165 PSIG 535 °F	7I & 8I Hold for Spec
8I	1"-ST-1- (R-LATER)	STEAM WARM-UP FROM SA-302		3030 135 480		3030 LB/HR 165 PSIG 535 °F	Hold for Spec Expand 16I steam

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
9I	4"-CO-4-KBA (R-LATER)	TSS HEATER DRAIN TK V-306 CO OUTLET (SA-303)		65000 1340 435	6300 1340 435	65000 LB/HR 1565 PSIG 545 °F	
9IA		DELETED					
10I	4"-CO-3-KBA (R-LATER)	TSS HEATER DRAIN TK V-305 CO OUTLET (SA-302)		65000 1340 435	6300 1340 435	65000 LB/HR 1565 PSIG 545 °F	
10IA		DELETED					
11I	4"-CO-4-KBA (R-LATER)	CO FROM TSS HEATER DRAIN TK V-306 (SA-301)		65000 1340 435	6300 1340 435	65000 LB/HR 1565 PSIG 545 °F	Ignores S-R line loss
12I	2"-ST-7-BBA (R-LATER)	EXTRACTION STEAM INLET TO FLASH TK V-304 (SA-301)		11000 135 480	5500 135 480	11000 LB/HR 165 PSIG 535 °F	S-G startup only Expand 84I & 85I Steam
13I	4"-CO-5-BBA (R-LATER)	FLASH TK V-304 CO OUTLET (SA-301)		117500 135 358	5695 135 358	117500 LB/HR 165 PSIG 360 °F	Fraction of 11I & 14I
14I	4"-CO-3-KBA (R-LATER)	CO FROM TSS HEATER DRAIN TK V-305 (SA-301)		65000 1340 435	6300 1340 435	65000 LB/HR 1565 PSIG 545 °F	Ignores S-R line loss

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
15I	1-1/2"-AS-1-FBA (R-LATER)	TSS HEATER E-302 BLANKET ST INLET (SA-303)		900 385 530	900 50 345	900 LB/HR 450 PSIG 580 °F	Des. PT same as 84I
16I	1-1/2"-AS-1-FBA (R-LATER)	TSS HEATER E-301 BLANKET ST INLET (SA-302)		900 385 530	900 50 345	900 LB/HR 450 PSIG 580 °F	Des. PT same as 84I & 85I
17I		DELETED					
18I	4"-VT-4-BBA (R-LATER)	FLASH TK V-304 ST OUTLET (SA-301)		30822 135 358(480)	605 135 358	30822 LB/HR 165 PSIG 535 °F	Max Flow = 7IA & 11I & 14I & 12I
21I	10"-TO-3-BBA (TSS V-303 CONN)	TSS TK V-303 COLD HTF MANIFOLD		1.265x10 ⁶ 12 525	63250 12 425	1.265x10 ⁶ LB/HR 115 PSIG 600 °F	66I & 67I
30I	8"-TO-4-BBA (R-LATER)	CHARGING OIL PUMP P-301 OUTLET (SA-304)		550000 73 525	55000 73 425	550000 LB/HR 115 PSIG 600 °F	
31I	8"-TO-5-BBA (R-LATER)	CHARGING OIL PUMP P-302 OUTLET (SA-304)		550000 73 525	55000 73 425	550000 LB/HR 115 PSIG 600 °F	
33I	8"-TO-5-BBA (R-LATER)	TSS HEATER E-312 COOL HTF INLET (SA-303)		550000 52 525	55000 52 425	550000 LB/HR 115 PSIG 600 °F	
34I	8"-TO-4-BBA (R-LATER)	TSS HEATER E-311 COOL HTF INLET (SA-302)		550000 52 525	55000 52 425	550000 LB/HR 115 PSIG 600 °F	

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
35I	8"-TO-9-BBA (R-LATER)	TSS HEATER E-302 HOT HTF OUTLET (SA-303)		550000 20 580	55000 20 425	550000 LB/HR 115 PSIG 600 °F	
36I	8"-TO-9-BBA (R-LATER)	TSS HEATER E-301 HOT HTF OUTLET (SA-302)		550000 20 580	55000 20 425	550000 LB/HR 115 PSIG 600 °F	
39I	10"-TO-10-BBA TSS V-303 CONN	TSS TK V-303 HOT HTF MANIFOLD		1.265x10 ⁶ 1.4 580	63250 1.0 425	1.265x10 ⁶ LB/HR 1.5 PSIG 600 °F	
42I	4"-TO-24-BBA (R-LATER)	AUX EXTRACTION PUMP P-305 HOT INLET (SA-309)		97000 5 580	9700 5 425	97000 LB/HR 115 PSIG 600 °F	69I & 96I
43I	8"-TO-10-BBA (R-LATER)	EXTRACTION OIL PUMP P-303 INLET (SA-309)		632500 16 580	63250 -2.0 425	632500 LB/HR 115 PSIG 600 °F	
44I	8"-TO-10-BBA (R-LATER)	EXTRACTION OIL PUMP P-304 INLET (SA-309)		632500 16 580	63250 -2.0 425	632500 LB/HR 115 PSIG 600 °F	
48IA	8"-TO-13-BBA (R-LATER)	EXTRACTION OIL PUMP P-304 OUTLET (SA-309)		632500 83 580	63250 67 425	632500 LB/HR 115 PSIG 600 °F	
48AI	8"-TO-13-BBA (R-LATER)	SUPERHEATER E-308 HOT HTF INLET (SA-308)		291000 80 580	29100 64 425	291000 LB/HR 115 PSIG 600 °F	

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
48BI	8"-TO-26-BBA (R-LATER)	BOILER E-306 HOT HTF INLET (SA-308)		436500 80 580	43650 64 425	436500 LB/HR 115 PSIG 600 °F	
49IA	8"-TO-12-BBA (R-LATER)	EXTRACTION OIL PUMP P-303 OUTLET (SA-309)		632500 83 580	63250 67 425	632500 LB/HR 115 PSIG 600 °F	
49AI	8"-TO-12-BBA (R-LATER)	SUPERHEATER E-307 HOT HTF INLET (SA-307)		291000 80 580	29100 64 425	291000 LB/HR 115 PSIG 600 °F	
49BI	8"-TO-25-BBA (R-LATER)	BOILER E-305 HOT HTF INLET (SA-307)		436500 80 580	43650 64 425	436500 LB/HR 115 PSIG 600 °F	
51I		DELETED					
58I		DELETED					
66I	8"-TO-21-BBA (R-LATER)	PREHEATER E-304 COOL HTF OUTLET (SA-306)		632500 29 525	63250 29 425	632500 LB/HR 115 PSIG 600 °F	
67I	8"-TO-21-BBA (R-LATER)	PREHEATER E-303 COOL HTF OUTLET (SA-305)		632500 29 525	63250 29 425	632500 LB/HR 115 PSIG 600 °F	
69I	4"-TO-22-BBA (R-LATER)	AUX EXTRACTION PUMP P-305 INLET (SA-309)		97000 3 580	9700 3 425	97000 LB/HR 115 PSIG 600 °F	42I & 96I
71I		DELETED					

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SOLAR I
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STEARNS-ROGER

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	R	KS
				MAXIMUM	MINIMUM			
76I	2-1/2"-FW-10-FBA (R-LATER)	PREHEATER E-303 COOL WATER INLET (SA-305)		55000 475 281	5500 475 228	55000 LB/HR PSIG 281 °F		Pump max. press.
77I	2-1/2"-FW-10-FBA (R-LATER)	PREHEATER E-304 COOL WATER INLET (SA-306)		55000 475 281	5500 475 228	55000 LB/HR PSIG 281 °F		
82I	2"-ST-7-BBA (R-LATER)	EXTRACTION STEAM OUTLET FROM SUPERHRT E-307 (SA-307)		5500 135 480		5500 LB/HR PSIG 535 °F		
83I	2"-ST-7-BBA (R-LATER)	EXTRACTION STEAM OUTLET FROM SUPERHRT E-308 (SA-308)		5500 135 480		5500 LB/HR PSIG 535 °F		
84I	6"-ST-5-FBA (R-LATER)	SUPERHEATED STEAM OUTLET FROM E-307 (SA-307)		55000 385 530	5500 371 530	55000 LB/HR 450 PSIG 580 °F		
85I	6"-ST-5-FBA (R-LATER)	SUPERHEATED STEAM OUTLET FROM E-308 (SA-308)		55000 385 530	5500 371 530	55000 LB/HR 450 PSIG 580 °F		
86I	1"-BD-1-FBA (R-LATER)	BOILER E-305 TO BLOWDOWN TANK (SA-307)		550 445		550 LB/HR PSIG 457 °F		
87I	1"-BD-2-FBA (R-LATER)	BOILER E-306 TO BLOWDOWN TANK (SA-308)		550 445		550 LB/HR PSIG 457 °F		
88I		DELETED						

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
89I		DELETED					
96I	4"-TO-22-BBA TSS V-303 CONN	TSS TANK V-303 MID MANIFOLD		97000 10 580	9700 10 425	97000 LB/HR 115 PSIG 600 °F	42I & 69I
97I	10"-TO-3-BBA (R-LATER)	CHARGING PUMP FILTER TFF-2 (SA-304)				LB/HR PSIG °F	
98I	10"-TO-3-BBA (R-LATER)	CHARGING PUMP FILTER TFF-1 (SA-304)		1.10x10 ⁶ 15 525		55000 15 425	1.10x10 ⁶ LB/HR 115 PSIG 600 °F
D5I	1"-ED-10-ABA (R-LATER)	FLASH TANK V-304 DRAIN (SA-301)					LB/HR PSIG °F
D1I	1"-ED-3-ABA (R-LATER)	CHARGING OIL PUMP P-302 DRAIN (SA-304)					LB/HR PSIG °F
D2I	1"-ED-4-ABA (R-LATER)	CHARGING OIL PUMP P-301 DRAIN (SA-304)					LB/HR PSIG °F
D3I	3/4"-ED-5-ABA (R-LATER)	TSS OIL FILTER F-302 DRAIN (SA-304)					LB/HR PSIG °F
D4I	3/4"-ED-6-ABA (R-LATER)	TSS OIL FILTER F-301 DRAIN (SA-304)					LB/HR PSIG °F

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
D6I	1"-ED-7-ABA (R-LATER)	TSS AUX EXTRACTION OIL PUMP P-305 (SA-309)				LB/HR PSIG °F	
D7I	1"-ED-8-ABA (R-LATER)	TSS EXTRACTION OIL PUMP P-303 (SA-309)				LB/HR PSIG °F	
D8I	1"-ED-9-ABA (R-LATER)	TSS EXTRACTION OIL PUMP P-304 (SA-309)				LB/HR PSIG °F	

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 INTERFACE LIST (S-R/R)
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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
RI1	1"-N-1-LBA (R-LATER)	TO RS STEAM COLLECTION MANIFOLD	P3-13	300 1500 113	600 16	300 LB/HR 1500 PSIG 113 1/4 F	
RI2		DELETED					
RI3	6"-MS-2-QEB (R-LATER)	FROM STEAM COLLECTION MANIFOLD TO T-G		135141 1565 960	31716 1455 960	135141 LB/HR 1775 PSIG 1010 1/4 F	
RI4	1-1/2"-NA-1-ABA (R-LATER)	FROM INSTRUMENT AIR (PSS) TO RS		600 125 113	60 16	600 LB/HR 150 PSIG 113 1/4 F	
RI5	1-1/2"-CO-6- (R-LATER)	FROM RECEIVER BOILER PANELS TO COND				LB/HR PSIG 1/4 F	
21 RI6	4"-VT-1-KEB (R-LATER)	FROM RECEIVER FLASH TANK TO 3RD PT HEATER		40000 470 960	4000 365 439	40000 LB/HR 585 PSIG 960 1/4 F	470 Assumes 15 psi across PV2002
RI7	4"-FW-2-MBA (R-LATER)	FW TO PREHEATER PANELS		135141 1915 415	31716 1481 307	135141 LB/HR 2408 PSIG 415 1/4 F	
RI8	2"-CO-1-FBA (R-LATER)	FROM RECEIVER FLASH TK TO COND		40000 485 467	4000 365 439	40000 LB/HR 585 PSIG 486 1/4 F	
UII	6"-UG-1- R-LATER	TSU CONN					

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
U2I	6"-UG-1- R-LATER	SA-311 CONN					
U3I	1"-HP-1- R-LATER	SKID CONN					
U4I	1"-HP-2- R-LATER	FROM HEPTANE MAKE-UP TO HEPTANE TK V-307					
U5I	1/2"-UG-3- R-LATER	SA-311 CONN					
U6I	2"-UG-2- R-LATER	N ₂ FROM SA-311					
U7I	1"-N-3-BBD R-LATER	SA-311 CONN FROM N ₂ MAKE-UP					
22 U8I	1"-HP-1- R-LATER	TSU CONN					
U9I	R-LATER	TSU VENT CONN.					
A1I	1"-NA-13-ABA R-LATER	FROM NA HDR TO SA-304					
A2I	1"-NA-8-ABA R-LATER	FROM NA HDR TO SA-301					
A3I	3/4"-NA-9-ABA R-LATER	FROM NA HDR TO SA-302					

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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
A4I	3/4"-NA-10-ABA R-LATER	FROM NA HDR TO SA-303					
A5I	1"-NA-11-ABA R-LATER	FROM NA HDR TO SA-309					
A6I	3/4"-NA-7-ABA R-LATER	FROM NA HDR TO SA-305					
A7I	3/4"-NA-5-ABA R-LATER	FROM NA HDR TO SA-306					
A8I	1"-NA-6-ABA R-LATER	FROM NA HDR TO SA-307					
A9I	1"-NA-4-ABA R-LATER	FROM NA HDR TO SA-308					
A10I	3/4"-NA-14-ABA R-LATER	FROM NA HDR TO SA-311					

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INTERFACE LIST (S-R/R)
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INTERFACE NO.	LINE NO. S-R/R	LINE DESCRIPTION	P & ID S-R/R	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
A4I	3/4"-NA-10-ABA R-LATER	FROM NA HDR TO SA-303					
A5I	1"-NA-11-ABA R-LATER	FROM NA HDR TO SA-309					
A6I	3/4"-NA-7-ABA R-LATER	FROM NA HDR TO SA-305					
A7I	3/4"-NA-5-ABA R-LATER	FROM NA HDR TO SA-306					
A8I	1"-NA-6-ABA R-LATER	FROM NA HDR TO SA-307					
24 A9I	1"-NA-4-ABA R-LATER	FROM NA HDR TO SA-308					1
A10I	3/4"-NA-14-ABA R-LATER	FROM NA HDR TO SA-311					

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SOLAR I
INTERFACE LIST (S-R/R)
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SECTION C

INTERFACE NO.	LINE NO. S-R/VE	LINE DESCRIPTION	P & ID S-R/VE	OPERATING		DESIGN	RKS
				MAXIMUM	MINIMUM		
VE1	-DW-2-BSA (VE-LATER)	TO DEMINERALIZER TANK TK-702	5133145/			LB/HR PSIG °F	WATER TREAT
VE2	-DW-7-BSA (VE-LATER)	FROM DEMINERALIZER CO FEED PUMP P-710	5133145/			LB/HR PSIG °F	WATER TREAT
VE3	6"-FP-3-CBC (VE-LATER)	FROM SECONDARY FIRE PUMP P-706	5133148/			LB/HR PSIG °F	FIRE PROT
VE4	6"-FP-16-CBC (VE-LATER)	TO DIAPHRAGM FROM TANK V-704	5133148/			LB/HR PSIG °F	FIRE PROT
VE5		DELETED					
VE6	4"-FP-11-CQA (VE-LATER)	FIRE HOSE STATION AT WAREHOUSE	5133148/			LB/HR PSIG °F	FIRE PROT
VE7	1"-N-2-BBD (VE-LATER)	N ₂ RENTAL EQUIPMENT TO EPGS	5133152/			LB/HR PSIG °F	INERT GAS
VE8	1"-N-1-LBA (VE-LATER)	N ₂ RENTAL EQUIPMENT TO RECEIVER	5133152/			LB/HR PSIG °F	INERT GAS
VE9	2"-SW-25-ABA (VE-LATER)	FROM RAW/SERVICE WATER PUMPS TO DEMINERALIZER RENTAL EQUIP	P3-6			LB/HR PSIG °F	SERVICE WATER

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STEARNS-ROGER

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INTERFACE NO.	LINE NO. S-R/VE	LINE DESCRIPTION	P & ID S-R/VE	OPERATING		DESIGN	REMARKS
				MAXIMUM	MINIMUM		
VE10	2"-DW-5-BSA (VE-LATER)	FROM DEMINERALIZER RENTAL EQUIP TO DEMINERALIZED STORAGE TK	P3-6			LB/HR PSIG °F	DEMINERALIZED WATER

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INSTRUMENT AND CONTROL
TAG NUMBER ASSIGNMENT LIST

DEPARTMENT OF ENERGY
TEN MEGAWATT SOLAR PILOT PLANT
DAGGETT, CALIFORNIA

PREFACE

This document identifies the tag number assignments for the various instrument and control components for the Solar One Pilot Plant. The assignment key establishes the number groups for the various subsystems within the Solar One site. The tabulated list identifies only those instruments assigned by the SFDI at this time and does not list the SCE components.

The list also carries the previous tag number identification assigned by Rocket-dyne for the Receiver Subsystem and the Thermal Storage Subsystem. The alpha component designator preceding the tag number is assigned per the instrument identification table contained in the P&ID, Symbols and Nomenclature P1-1 (DOE Drawing 40P7005123103) as contained in Book 1.

I & C TAG NUMBER ASSIGNMENT KEY

0-999 SCE

0-199	EPGS FEEDWATER & CONDENSATE
200-299	EPGS CIRCULATING WATER
300-399	EPGS COOLING WATER
400-499	EPGS DEMINERALIZER AND FIRE PROTECTION
500-599	EPGS COMPRESSED AIR
600-699	EPGS STEAM
700-799	EPGS UNASSIGNED
800-899	EPGS DRAIN AND SUMP
900-999	EPGS SAMPLING

1000-1999 STEARNS-ROGER

1000-1099	PSS STEAM
1100-1199	PSS FEEDWATER
1200-1299	PSS WATER TREATMENT
1300-1399	PSS UNASSIGNED
1400-1499	PSS COLLECTOR FIELD INSTRUMENTATION
1500-1599	PSS FIRE PROTECTION
1600-1699	PSS LIQUID WASTE AND DRAINS
1700-1799	PSS SERVICE WATER
1800-1899	PSS UNASSIGNED
1900-1999	PSS MISCELLANEOUS

2000-2999 ROCKETDYNE RECEIVER SYSTEM

2000-2099	RS INLET AND GASEOUS NITROGEN
2100-2199	RS PREHEAT PANELS 22, 23, 24
2200-2299	RS PREHEAT PANELS 1, 2, 3
2300-2399	RS BOILER PANELS 4, 5, 6
2400-2499	RS BOILER PANELS 7, 8, 9
2500-2599	RS BOILER PANELS 10, 11, 12
2600-2699	RS BOILER PANELS 13, 14, 15
2700-2799	RS BOILER PANELS 16, 17, 18
2800-2899	RS BOILER PANELS 19, 20, 21
2900-2999	RS OUTLET AND FLASH TANK

3000-4099 ROCKETDYNE THERMAL STORAGE SYSTEM

3000-3099	TSS THERMAL STORAGE TANK
3100-3199	TSS DESUPERHEATER & FLASH TANK SKID-SA301
3200-3299	TSS HEATER SKID-SA302
3300-3399	TSS HEATER SKID-SA303
3400-3499	TSS CHARGING OIL PUMP SKID-SA304
3500-3599	TSS PREHEATER SKID-SA305
3600-3699	TSS PREHEATER SKID-SA306
3700-3799	TSS BOILER AND SUPERHEATER SKID-SA307
3800-3899	TSS " " " " -SA308
3900-3999	TSS EXTRACTION PUMP SKID-SA309
4000-4099	TSS ULLAGE MAINTENANCE UNIT

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
PE 1000		PSS	PV-1100 CONTROL	
PC 1000		PSS	PV-1100 CONTROL	
PY 1000		PSS	PV-1100 CONTROL	
ZS 1000		PSS	PV-1100 CONTROL	
SOV 1000		PSS	PV-1100 CONTROL	
PV 1100		PSS	RS FLASH TANK VENT TO CONDENSER	
TE 1001		PSS	M.S. TEMP TO STEAM DUMP ELEMENT	
TI 1001		PSS	M.S. TEMP TO STEAM DUMP REMOTE INDICATION	
PE 1001		PSS	PV-1001 CONTROL	
PC 1001		PSS	PV-1001 CONTROL	
PY 1001		PSS	PV-1001 CONTROL	
ZS 1001		PSS	PV-1001 CONTROL	
PV 1001		PSS	M.S. STEAM DUMP TO CONDENSER	
TE 1002		PSS	TV-1002 CONTROL	
PE 1002		PSS	TV-1002 CONTROL	
TC 1002		PSS	TV-1002 CONTROL	
TY 1002		PSS	TV-1002 CONTROL	
TV 1002		PSS	CONDENSATE CONTROL TO DS-901	
PE 1003		PSS	PV-1003 CONTROL	
PC 1003		PSS	PV-1003 CONTROL	
PY 1003		PSS	PV-1003 CONTROL	
PV 1003		PSS	M.S. TO AUX STEAM CONTROL	
TE 1004		PSS	TV-1004 CONTROL	
TC 1004		PSS	TV-1004 CONTROL	
TY 1004		PSS	TV-1004 CONTROL	
TV 1004		PSS	CONDENSATE CONTROL TO DS-902	
PE 1005		PSS	PV-1005 CONTROL	
PC 1005		PSS	PV-1005 CONTROL	
PY 1005		PSS	PV-1005 CONTROL	
PV 1005		PSS	AUX STEAM CONTROL	
SOV 1006		PSS	FV-1006 CONTROL	
FV 1006		PSS	ATOMIZING STEAM TO DS-901	
SOV 1007		PSS	FV-1007 CONTROL	
FV 1007		PSS	ATOMIZING STEAM TO DS-901	
LS 1010		PSS	LV-1010 CONTROL	
HS 1010		PSS	LV-1010 CONTROL	
SOV 1010		PSS	LV-1010 CONTROL	
LV 1010		PSS	4 -VT-1-KEB DRAIN POT LEVEL CONTROL	
LS 1011		PSS	LV-1011 CONTROL	
HS 1011		PSS	LV-1011 CONTROL	
SOV 1011		PSS	LV-1011 CONTROL	
LV 1011		PSS	6 -MS-6-QEB DRAIN POT LEVEL CONTROL	
LS 1012		PSS	LV-1012 CONTROL	
HS 1012		PSS	LV-1012 CONTROL	
SOV 1012		PSS	LV-1012 CONTROL	
LV 1012		PSS	10 -MS-7-FEA DRAIN POT LEVEL CONTROL	
LS 1013		PSS	LV-1013 CONTROL	
HS 1013		PSS	LV-1013 CONTROL	
SOV 1013		PSS	LV-1013 CONTROL	
LV 1013		PSS	6 -MS-3-QEB DRAIN POT LEVEL CONTROL	
LS 1014		PSS	LV-1014 CONTROL	
HS 1014		PSS	LV-1014 CONTROL	

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
SOV 1014		PSS	LV-1014 CONTROL	
LV 1014		PSS	6 -MS-9-FEA DRAIN POT LEVEL CONTROL	
LS 1015		PSS	LV-1015 CONTROL	
HS 1015		PSS	LV-1015 CONTROL	
SOV 1015		PSS	LV-1015 CONTROL	
LV 1015		PSS	2 -MS-8-0EB DRAIN POT LEVEL CONTROL	
PE 1020		PSS	DS-902 OUTLET PRESSURE ELEMENT	
PI 1020		PSS	DS-902 OUTLET PRESSURE INDICATION REMOTE	
TE 1020		PSS	DS-902 OUTLET TEMP ELEMENT	
TI 1020		PSS	DS-902 OUTLET TEMP INDICATION REMOTE	
TW 1023		PSS	MS TO TURBINE TEMP WELL	
TE 1022		PSS	MS TO TURBINE TEMP ELEMENT	
TR 1022		PSS	MS TO TURBINE TEMP RECORDER	
PT 1024		PSS	TSS STEAM TO TURBINE PRESSURE TRANSMITTER	
TE 1025		PSS	TSS STEAM TO TURBINE TEMP ELEMENT	
TR 1025		PSS	TSS STEAM TO TURBINE TEMP RECORDER	
TW 1026		PSS	TSS STEAM TO TURBINE TEMP WELL	
MUV 1030		PSS	MS TO TSS BLOCK VALVE	
MOV 1031		PSS	MS TO TURBINE BLOCK VALVE	
CE 1101		PSS	FW COND AFTER 1ST PT HTR ELEMENT	
CI 1101		PSS	FW COND AFTER 1ST PT HTR INDICATOR	
TI 1102		PSS	FW TEMP AFTER 1ST PT HTR INDICATOR	
PI 1102		PSS	FW PRESSURE AFTER 1ST PT HTR INDICATOR	
PI 1201		PSS	P-710 DISCHARGE PRES INDICATOR	
HS 1202		PSS	P-710 CONTROL	
LS 1203		PSS	TK-702 LEVEL CONTROL	
SOV 1203		PSS	TK-702 LEVEL CONTROL	
LV 1203		PSS	TK-702 LEVEL CONTROL	
LI 1204		PSS	TK-702 LEVEL INDICATION	
CE 1205		PSS	CONDENSATE CONDUCTIVITY TO TK-702 ELEMENT	
CT 1205		PSS	CONDENSATE CONDUCTIVITY TO TK-702 INDICATOR	
JT 1451X		PSS	POWER TO HELIOSTAT 0116	
JT 1452X		PSS	POWER TO HELIOSTAT 0120	
JT 1453X		PSS	POWER TO HELIOSTAT 1052	
JT 1454X		PSS	POWER TO HELIOSTAT 1838	
JT 1455X		PSS	POWER TO HELIOSTAT 2866	
JT 1456X		PSS	POWER FROM CS POWER CENTER #2	
JT 1457X		PSS	POWER FROM CS POWER CENTER #6	
LG 1501		PSS	DIESEL F.O. DAY TK LEVEL LOCAL	
LS 1501		PSS	P-706 CONTROL	
HS 1502		PSS	P-706 CONTROL REMOTE	
PI 1502		PSS	P-706 RECIRC PRESSURE	
SOV 1502		PSS	P-706 HEAT EXCHANGE CONTROL	
PSV 1502		PSS	P-706 RELIEF VALVE	
FS 1502		PSS	P-706 CONTROL	
PS 1502		PSS	P-706 CONTROL	
PI 1503		PSS	P-706 HEAT EXCHANGE WATER PRES	
PI 1504		PSS	DIESEL FIRE WATER PRESSURE	
PI 1510		PSS	P-705 SUCTION PRESSURE	
PSV 1511		PSS	P-705 RELIEF VALVE	
PI 1511		PSS	P-705 DISCHARGE PRESSURE	
FE 1511		PSS	P-705 FLOW ELEMENT	

TAG NUMBER ASSIGNMENT LIST

UPDATED 5 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
PS 1511		PSS	P-705 CONTROL	
HS 1511		PSS	P-705 CONTROL	
PI 1512		PSS	P-707 SUCTION PRESSURE	
PI 1513		PSS	P-707 DISCHARGE PRESSURE	
PS 1513		PSS	P-707 CONTROL	
PSV 1513		PSS	P-707 RELIEF VALVE	
PI 1514		PSS	FIRE WATER PRESSURE	
FE 1502		PSS	P-706 FLOW ELEMENT	
FI 1502		PSS	P-706 FLOW INDICATION LOCAL	
FE 1601		PSS	SE-701 DISCHARGE FLOW ELEMENT	
FT 1601		PSS	SE-701 DISCHARGE FLOW TRANSMITTER	
FR 1601		PSS	SE-701 DISCHARGE FLOW RECORDER	
LS 1602		PSS	SE-701 LEVEL CONTROL	
HS 1602A		PSS	P-711 CONTROL	
HS 1602B		PSS	P-712 CONTROL	
HS 1605		PSS	P-715 CONTROL	
LS 1605		PSS	P-715 CONTROL	
LI 1701		PSS	TK-701 LOCAL LEVEL INDICATION	
LS 1702		PSS	TK-701 LEVEL CONTROL	
SOV 1702		PSS	TK-701 LEVEL CONTROL	
LV 1702		PSS	TK-701 LEVEL CONTROL	
LS 1703		PSS	P-703 & P-704 CONTROL	
HS 1703A		PSS	P-703 & P-704 CONTROL	
HS 1703B		PSS	P-703 & P-704 CONTROL	
SOV 1703		PSS	PV-1703 CONTROL	
PS 1703		PSS	P-703 & P-704 RECIRC CONTROL	
PV 1703		PSS	P-703 & P-704 RECIRC CONTROL	
HS 1901		PSS	P-306 CONTROL	
LT 1902		PSS	TK-301 LEVEL TRANSMITTER	
LI 1902		PSS	TK-301 LEVEL INDICATION REMOTE	
LI 1903		PSS	TK-301 LEVEL INDICATION LOCAL	
PI 1905		PSS	N2 SUPPLY PRESSURE TO UMU	
PI 1906		PSS	N2 REGULATED PRESSURE TO UMU	

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 2001	RWIT-1	RECEIVER	WATER INLET TEMP.-1	
PT 2002	RWIP-1	RECEIVER	WATER INLET PRESS.-1	
PV 2002	RWBV	RECEIVER	WATER BYPASS VALVE	
PY 2002		RECEIVER	WATER BYPASS VALVE CONVERTER	
PC 2002		RECEIVER	WATER BYPASS VALVE PRESS CONT	REMOTE STN 1
ZT 2002		RECEIVER	WATER BYPASS VALVE POSITION	
PDT 2003	RWFDP	RECEIVER	WATER FILTER DIFFERENTIAL PRESS.	
AOV 2004	RPWIV	RECEIVER	PREHEATER PANEL WATER INLET VALVE	
ZS 2004A		RECEIVER	PREHEAT WATER INLET VALVE POSITION	
ZS 2004B		RECEIVER	PREHEAT WATER INLET VALVE POSITION	
TE 2005	RPWOT-25	RECEIVER	PREHLATER PANLL WATER OUTLET TEMP.-25	
PT 2006	RPWOP	RECEIVER	PREHEATER PANEL WATER OUTLET PRESS.	
AOV 2007	RPWVV	RECEIVER	PREHEATER PANEL WATER VENT VALVE	
ZS 2007A		RECEIVER	PREHEAT WATER VENT VALVE POSITION	
ZS 2007B		RECEIVER	PREHEAT WATER VENT VALVE POSITION	
PDT 2008	RDP	RECEIVER	RECEIVER DIFFERENTIAL PRESS.	
PCV 2009	RNPR-1	RECEIVER	NITROGEN PRESS. REGULATOR-1	
PSV 2010	RNRV	RECEIVER	NITROGEN RELIEF VALVE	
PI 2011	RNPG-1	RECEIVER	NITROGEN PRESS. GAGE-1	
PDI 2012	RNFDPG	RECEIVER	FILTER DIFFERENTIAL PRESS. GAGE	
PCV 2013	RNPR-2	RECEIVER	NITROGEN PRESS. REGULATOR-2	
PI 2014	RNPC-2	RECEIVER	NITROGEN PRESS. GAGE-2	
PS 2015	RNPS-2	RECEIVER	NITROGEN PRESS. SWITCH-2	
SOV 2016	RNPV-2	RECEIVER	NITROGEN PRESS. VENT-2	
PI 2017	RPSPG	RECEIVER	PREHEATER PANEL STEAM PRESS. GAGE	
PS 2018	RNPS-1	RECEIVER	NITROGEN PRESS. SWITCH-1	
SOV 2019	RNPV-1	RECEIVER	NITROGEN PRESS. VENT-1	
PI 2020	RMSPG	RECEIVER	DOWNCOMER MANIFOLD STEAM PRESS. GAGE	
PSV 2021	RPWRV-1	RECEIVER	PANEL RELIEF VALVE-1	
PSV 2022	RPWRV-2	RECEIVER	PANEL RELIEF VALVE-2	
PSV 2023	RPWRV-3	RECEIVER	PANEL RELIEF VALVE-3	
TEX 2050	RWIT-3	RECEIVER	WATER INLET TEMP.-3	
TEX 2051	RWIT-2	RECEIVER	RECEIVER WATER INLET TEMP.-2	
PTX 2052	RWIP-2	RECEIVER	RECEIVER WATER INLET PRESS.-2	
TEX 2053A	RST-1	RECEIVER	STRUCTURE TEMP-1	
TEX 2053B	RST-2	RECEIVER	STRUCTURE TEMP-2	
TEX 2053C	RST-3	RECEIVER	STRUCTURE TEMP-3	
TEX 2053D	RST-4	RECEIVER	STRUCTURE TEMP-4	
TEX 2053E	RST-5	RECEIVER	STRUCTURE TEMP-5	
TEX 2053F	RST-6	RECEIVER	STRUCTURE TEMP-6	
TEX 2053G	RST-7	RECEIVER	STRUCTURE TEMP-7	
TEX 2053H	RST-8	RECEIVER	STRUCTURE TEMP-8	
PS 2099	RAIPS	INST AIR	RECEIVER INSTRUMENT AIR PRESS. SWITCH	
AOV 2101	RPWDV-22	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-22	
ZS 2101A		RECEIVER	PREHEAT WATER DRAIN VALVE-22 POSITION	
ZS 2101B		RECEIVER	PREHEAT WATER DRAIN VALVE-22 POSITION	
AOV 2102	RPWDV-23	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-23	
ZS 2102A		RECEIVER	PREHEAT WATER DRAIN VALVE-23 POSITION	
ZS 2102B		RECEIVER	PREHEAT WATER DRAIN VALVE-23 POSITION	
AOV 2103	RPWDV-24	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-24	
ZS 2103A		RECEIVER	PREHEAT WATER DRAIN VALVE-24 POSITION	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
ZS 2103B		RECEIVER	PREHEAT WATER DRAIN VALVE-24 POSITION	
PDT 2104	RPWDP-22	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-22	
PDT 2105	RPWDP-23	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-23	
PDT 2106	RPWDP-24	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-24	
TE 2107	RPWOT-22	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-22	
TE 2108	RPWOT-23	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-23	
TE 2109	RPWOT-24	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-24	
YT 2110A	RPHF-22-1	RECEIVER	PANEL HEAT FLUX-22-1	
YT 2110B	RPHF-22-2	RECEIVER	PANEL HEAT FLUX-22-2	
YT 2110C	RPHF-22-3	RECEIVER	PANEL HEAT FLUX-22-3	
YT 2111A	RPHF-23-1	RECEIVER	PANEL HEAT FLUX-23-1	
YT 2111B	RPHF-23-2	RECEIVER	PANEL HEAT FLUX-23-2	
YT 2111C	RPHF-23-3	RECEIVER	PANEL HEAT FLUX-23-3	
YT 2112A	RPHF-24-1	RECEIVER	PANEL HEAT FLUX-24-1	
YT 2112B	RPHF-24-2	RECEIVER	PANEL HEAT FLUX-24-2	
YT 2112C	RPHF-24-3	RECEIVER	PANEL HEAT FLUX-24-3	
OTX 2136	RBPA-22	RECEIVER	PANEL AXIAL MOVEMENT-22	
OTX 2137	RBPA-23	RECEIVER	PANEL AXIAL MOVEMENT-23	
OTX 2138	RBPA-24	RECEIVER	PANEL AXIAL MOVEMENT-24	
OTX 2142A	RBPB-22-1	RECEIVER	PANEL BOW POSITION-22-1	
OTX 2142B	RBPB-22-2	RECEIVER	PANEL BOW POSITION-22-2	
OTX 2142C	RBPB-22-3	RECEIVER	PANEL BOW POSITION-22-3	
ADV 2201	RPWDV-1	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-1	
ZS 2201A		RECEIVER	PREHEAT WATER DRAIN VALVE-1 POSITION SWITCH	
ZS 2201B		RECEIVER	PREHEAT WATER DRAIN VALVE-1 POSITION SWITCH	
ADV 2202	RPWDV-2	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-2	
ZS 2202A		RECEIVER	PREHEAT WATER DRAIN VALVE-2 POSITION	
ZS 2202B		RECEIVER	PREHEAT WATER DRAIN VALVE-2 POSITION	
ADV 2203	RPWDV-3	RECEIVER	PREHEATER PANEL WATER DRAIN VALVE-3	
ZS 2203A		RECEIVER	PREHEAT WATER DRAIN VALVE-3 POSITION	
ZS 2203B		RECEIVER	PREHEAT WATER DRAIN VALVE-3 POSITION	
PDT 2204	RPWDP-1	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-1	
PDT 2205	RPWDP-2	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-2	
PDT 2206	RPWDP-3	RECEIVER	PREHEATER PANEL WATER DIFFERENTIAL PRESS.-3	
TE 2207	RPWOT-1	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-1	
TE 2208	RPWOT-2	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-2	
TE 2209	RPWOT-3	RECEIVER	PREHEATER PANEL WATER OUTLET TEMP.-3	
YT 2210A	RPHF-1-1	RECEIVER	PANEL HEAT FLUX-1-1	
YT 2210B	RPHF-1-2	RECEIVER	PANEL HEAT FLUX-1-2	
YT 2210C	RPHF-1-3	RECEIVER	PANEL HEAT FLUX-1-3	
YT 2211A	RPHF-2-1	RECEIVER	PANEL HEAT FLUX-2-1	
YT 2211B	RPHF-2-2	RECEIVER	PANEL HEAT FLUX-2-2	
YT 2211C	RPHF-2-3	RECEIVER	PANEL HEAT FLUX-2-3	
YT 2212A	RPHF-3-1	RECEIVER	PANEL HEAT FLUX-3-1	
YT 2212B	RPHF-3-2	RECEIVER	PANEL HEAT FLUX-3-2	
YT 2212C	RPHF-3-3	RECEIVER	PANEL HEAT FLUX-3-3	
FTX 2230	RPWFR-1	RECEIVER	PREHEATER PANEL WATER FLOW RATE-1	
FEX 2230		RECEIVER	PREHEATER PANEL FLOW ELEMENT-1	
FTX 2231	RPWFR-2	RECEIVER	PREHEATER PANEL WATER FLOW RATE-2	
FEX 2231		RECEIVER	PREHEATER PANEL FLOW ELEMENT-2	
FTX 2232	RPWFR-3	RECEIVER	PREHEATER PANEL WATER FLOW RATE-3	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
FEX 2232		RECEIVER	PREHEATER PANEL FLOW ELEMENT-3	
OTX 2236	RBPA-1	RECEIVER	PANEL AXIAL MOVEMENT-1	
OTX 2237	RBPA-2	RECEIVER	PANEL AXIAL MOVEMENT-2	
OTX 2238	RBPA-3	RECEIVER	PANEL AXIAL MOVEMENT-3	
FT 2301	RBWFR-4	RECEIVER	BOILER PANEL WATER FLOW RATE-4	
FE 2301		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-4	
TV 2301	RBWTCV-4	RECEIVER	BOILER WATER TEMP CONT VALVE-4	
TY 2301		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-4	
TC 2301		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-4	REMOTE STN 1
ZT 2301		RECEIVER	BOILER WATER TEMP VALVE-4 POSITION	
TE 2301A	RBT-4-1	RECEIVER	BOILER PANEL TEMP.-4-1	
TE 2301B	RBT-4-2	RECEIVER	BOILER PANEL TEMP.-4-2	
TE 2301C	RBT-4-3	RECEIVER	BOILER PANEL TEMP.-4-3	(SPARE)
FT 2302	RBWFR-5	RECEIVER	BOILER PANEL WATER FLOW RATE-5	
FE 2302		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-5	
TV 2302	RBWTCV-5	RECEIVER	BOILER WATER TEMP CONT VALVE-5	
TY 2302		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-5	
TC 2302		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-5	REMOTE STN 1
ZT 2302		RECEIVER	BOILER WATER TEMP VALVE-5 POSITION	
TE 2302A	RBT-5-1	RECEIVER	BOILER PANEL TEMP.-5-1	
TE 2302B	RBT-5-2	RECEIVER	BOILER PANEL TEMP.-5-2	
TE 2302C	RBT-5-3	RECEIVER	BOILER PANEL TEMP.-5-3	(SPARE)
FT 2303	RBWFR-6	RECEIVER	BOILER PANEL WATER FLOW RATE-6	
FE 2303		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-6	
TV 2303	RBWTCV-6	RECEIVER	BOILER WATER TEMP CONT VALVE-6	
TY 2303		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-6	
TC 2303		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-6	REMOTE STN 1
ZT 2303		RECEIVER	BOILER WATER TEMP VALVE-6 POSITION	
TE 2303A	RBT-6-1	RECEIVER	BOILER PANEL TEMP.-6-1	
TE 2303B	RBT-6-2	RECEIVER	BOILER PANEL TEMP.-6-2	
TE 2303C	RBT-6-3	RECEIVER	BOILER PANEL TEMP.-6-3	(SPARE)
TE 2304A	RBSOT-4-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-4-1	
TE 2304B	RBSOT-4-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-4-2	
TE 2304C	RBSOT-4-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-4-3	(SPARE)
TE 2305A	RBSOT-5-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-5-1	
TE 2305B	RBSOT-5-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-5-2	
TE 2305C	RBSOT-5-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-5-3	(SPARE)
TE 2306A	RBSOT-6-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-6-1	
TE 2306B	RBSOT-6-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-6-2	
TE 2306C	RBSOT-6-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-6-3	(SPARE)
YT 2307A	RBHF-4-1	RECEIVER	BOILER HEAT FLUX-4-1	
YT 2307B	RBHF-4-2	RECEIVER	BOILER HEAT FLUX-4-2	
YT 2307C	RBHF-4-3	RECEIVER	BOILER HEAT FLUX-4-3	
YT 2308A	RBHF-5-1	RECEIVER	BOILER HEAT FLUX-5-1	
YT 2308B	RBHF-5-2	RECEIVER	BOILER HEAT FLUX-5-2	
YT 2308C	RBHF-5-3	RECEIVER	BOILER HEAT FLUX-5-3	
YT 2309A	RBHF-6-1	RECEIVER	BOILER HEAT FLUX-6-1	
YT 2309B	RBHF-6-2	RECEIVER	BOILER HEAT FLUX-6-2	
YT 2309C	RBHF-6-3	RECEIVER	BOILER HEAT FLUX-6-3	
PDI 2310	RBWFDP-4	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-4	
PDI 2311	RBWFDP-5	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-5	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
PDT 2312	RBWFD-6	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-6	
AOV 2313	RBWDV-4	RECEIVER	BOILER PANEL WATER DRAIN VALVE-4	
ZS 2313A		RECEIVER	BOILER WATER DRAIN VALVE-4 POSITION	
ZS 2313B		RECEIVER	BOILER WATER DRAIN VALVE-4 POSITION	
AOV 2314	RBWDV-5	RECEIVER	BOILER PANEL WATER DRAIN VALVE-5	
ZS 2314A		RECEIVER	BOILER WATER DRAIN VALVE-5 POSITION	
ZS 2314B		RECEIVER	BOILER WATER DRAIN VALVE-5 POSITION	
AOV 2315	RBWDV-6	RECEIVER	BOILER PANEL WATER DRAIN VALVE-6	
ZS 2315A		RECEIVER	BOILER WATER DRAIN VALVE-6 POSITION	
ZS 2315B		RECEIVER	BOILER WATER DRAIN VALVE-6 POSITION	
PDIX2330	RBWDP-4	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-4	
PDIX2331	KBWDP-5	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-5	
PDTX2332	RBWDP-6	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-6	
TEX 2333	RBSIT-4	RECEIVER	BOILER PANEL STEAM INLET TEMP.-4	(RTD)
TEX 2334	RBSIT-5	RECEIVER	BOILER PANEL STEAM INLET TEMP.-5	(RTD)
TEX 2335	RBSIT-6	RECEIVER	BOILER PANEL STEAM INLET TEMP.-6	(RTD)
OTX 2336	RBPA-4	RECEIVER	BOILER PANEL AXIAL MOVEMENT-4	
OTX 2337	RBPA-5	RECEIVER	BOILER PANEL AXIAL MOVEMENT-5	
OTX 2338	RBPA-6	RECEIVER	BOILER PANEL AXIAL MOVEMENT-6	
OTX 2341	RBPL-6	RECEIVER	BOILER PANEL LATERAL POSITION-6	
TEX 2345	RBSOT-4-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-4-4	(RTD)
TEX 2346	RBSOT-5-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-5-4	(RTD)
TEX 2347	RBSOT-6-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-6-4	(RTD)
TEX 2348	RTWT-4	RECEIVER	MOISTURE TRAP WATER TEMP.-4	
TEX 2349	RTWT-5	RECEIVER	MOISTURE TRAP WATER TEMP.-5	
TEX 2350	RTWT-6	RECEIVER	MOISTURE TRAP WATER TEMP.-6	
TEX 2351	RTT-4	RECEIVER	MOISTURE TRAP TEMP.-4	
TEX 2353	RTT-6	RECEIVER	MOISTURE TRAP TEMP.-6	
TEX 2354A	RBT-4-4	RECEIVER	BOILER PANEL TEMP.-4-4	
TEX 2354B	RBT-4-5	RECEIVER	BOILER PANEL TEMP.-4-5	
TEX 2354C	RBT-4-6	RECEIVER	BOILER PANEL TEMP.-4-6	
TEX 2354D	RBT-4-7	RECEIVER	BOILER PANEL TEMP.-4-7	
TEX 2354E	RBT-4-8	RECEIVER	BOILER PANEL TEMP.-4-8	
TEX 2355A	RBT-5-4	RECEIVER	BOILER PANEL TEMP.-5-4	
TEX 2355B	RBT-5-5	RECEIVER	BOILER PANEL TEMP.-5-5	
TEX 2355C	RBT-5-6	RECEIVER	BOILER PANEL TEMP.-5-6	
TEX 2355D	RBT-5-7	RECEIVER	BOILER PANEL TEMP.-5-7	
TEX 2355E	RBT-5-8	RECEIVER	BOILER PANEL TEMP.-5-8	
TEX 2356A	RBT-6-4	RECEIVER	BOILER PANEL TEMP.-6-4	
TEX 2356B	RBT-6-5	RECEIVER	BOILER PANEL TEMP.-6-5	
TEX 2356C	RBT-6-6	RECEIVER	BOILER PANEL TEMP.-6-6	
TEX 2356D	RBT-6-7	RECEIVER	BOILER PANEL TEMP.-6-7	
TEX 2356E	RBT-6-8	RECEIVER	BOILER PANEL TEMP.-6-8	
TEX 2356F	RBT-6-9	RECEIVER	BOILER PANEL TEMP.-6-9	
TEX 2356G	RBT-6-10	RECEIVER	BOILER PANEL TEMP.-6-10	
TEX 2356H	RBT-6-11	RECEIVER	BOILER PANEL TEMP.-6-11	
TEX 2356I	RBT-6-12	RECEIVER	BOILER PANEL TEMP.-6-12	
TEX 2356J	RBT-6-13	RECEIVER	BOILER PANEL TEMP.-6-13	
TEX 2356K	RBT-6-14	RECEIVER	BOILER PANEL TEMP.-6-14	
TEX 2356L	RBT-6-15	RECEIVER	BOILER PANEL TEMP.-6-15	
TEX 2356M	RBT-6-16	RECEIVER	BOILER PANEL TEMP.-6-16	
TEX 2356N	RBT-6-17	RECEIVER	BOILER PANEL TEMP.-6-17	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2356P	RBT-6-18	RECEIVER	BOILER PANEL TEMP.-6-18	
TEX 2356Q	RBT-6-19	RECEIVER	BOILER PANEL TEMP.-6-19	
TEX 2356R	RBT-6-20	RECEIVER	BOILER PANEL TEMP.-6-20	
TEX 2356S	RBT-6-21	RECEIVER	BOILER PANEL TEMP.-6-21	
TEX 2356T	RBT-6-22	RECEIVER	BOILER PANEL TEMP.-6-22	
TEX 2356U	RBT-6-23	RECEIVER	BOILER PANEL TEMP.-6-23	
TEX 2356V	RBT-6-24	RECEIVER	BOILER PANEL TEMP.-6-24	
TEX 2356W	RBT-6-25	RECEIVER	BOILER PANEL TEMP.-6-25	
TEX 2356X	RBT-6-26	RECEIVER	BOILER PANEL TEMP.-6-26	
TEX 2356Y	RBT-6-27	RECEIVER	BOILER PANEL TEMP.-6-27	
TEX 2356Z	RBT-6-28	RECEIVER	BOILER PANEL TEMP.-6-28	
TEX 2359A	RBT-6-29	RECEIVER	BOILER PANEL TEMP.-6-29	
TEX 2359B	RBT-6-30	RECEIVER	BOILER PANEL TEMP.-6-30	
TEX 2359C	RBT-6-31	RECEIVER	BOILER PANEL TEMP.-6-31	
TEX 2359D	RBT-6-32	RECEIVER	BOILER PANEL TEMP.-6-32	
TEX 2359E	RBT-6-33	RECEIVER	BOILER PANEL TEMP.-6-33	
TEX 2359F	RBT-6-34	RECEIVER	BOILER PANEL TEMP.-6-34	
TEX 2359G	RBT-6-35	RECEIVER	BOILER PANEL TEMP.-6-35	
TEX 2359H	RBT-6-36	RECEIVER	BOILER PANEL TEMP.-6-36	
TEX 2359I	RBT-6-37	RECEIVER	BOILER PANEL TEMP.-6-37	
TEX 2359J	RBT-6-38	RECEIVER	BOILER PANEL TEMP.-6-38	
TEX 2359K	RBT-6-39	RECEIVER	BOILER PANEL TEMP.-6-39	
TEX 2359L	RBT-6-40	RECEIVER	BOILER PANEL TEMP.-6-40	
TEX 2359M	RBT-6-41	RECEIVER	BOILER PANEL TEMP.-6-41	
TEX 2359N	RBT-6-42	RECEIVER	BOILER PANEL TEMP.-6-42	
TEX 2359P	RBT-6-43	RECEIVER	BOILER PANEL TEMP.-6-43	
TEX 2359Q	RBT-6-44	RECEIVER	BOILER PANEL TEMP.-6-44	
TEX 2359R	RBT-6-45	RECEIVER	BOILER PANEL TEMP.-6-45	
TEX 2359S	RBT-6-46	RECEIVER	BOILER PANEL TEMP.-6-46	
TEX 2359T	RBT-6-47	RECEIVER	BOILER PANEL TEMP.-6-47	
TEX 2359U	RBT-6-48	RECEIVER	BOILER PANEL TEMP.-6-48	
TEX 2359V	RBT-6-49	RECEIVER	BOILER PANEL TEMP.-6-49	
TEX 2359W	RBT-6-50	RECEIVER	BOILER PANEL TEMP.-6-50	
TEX 2359X	RBT-6-51	RECEIVER	BOILER PANEL TEMP.-6-51	
TEX 2359Y	RBT-6-52	RECEIVER	BOILER PANEL TEMP.-6-52	
TEX 2359Z	RBT-6-53	RECEIVER	BOILER PANEL TEMP.-6-53	
TEX 2362A	RBT-6-54	RECEIVER	BOILER PANEL TEMP.-6-54	
TEX 2362B	RBT-6-55	RECEIVER	BOILER PANEL TEMP.-6-55	
TEX 2362C	RBT-6-56	RECEIVER	BOILER PANEL TEMP.-6-56	
TEX 2362D	RBT-6-57	RECEIVER	BOILER PANEL TEMP.-6-57	
TEX 2362E	RBT-6-58	RECEIVER	BOILER PANEL TEMP.-6-58	
FT 2401	RBWFR-7	RECEIVER	BOILER PANEL WATER FLOW RATE-7	
FE 2401		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-7	
TV 2401	RBWTCV-7	RECEIVER	BOILER WATER TEMP CONT VALVE-7	
TY 2401		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-7	
TC 2401		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-7	REMOTE STN 1
ZT 2401		RECEIVER	BOILER WATER TEMP VALVE-7 POSITION	
TE 2401A	RBT-7-1	RECEIVER	BOILER PANEL TEMP.-7-1	
TE 2401B	RBT-7-2	RECEIVER	BOILER PANEL TEMP.-7-2	
TE 2401C	RBT-7-3	RECEIVER	BOILER PANEL TEMP.-7-3	(SPARE)
FT 2402	RBWFR-8	RECEIVER	BOILER PANEL WATER FLOW RATE-8	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
FE 2402		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-8	
TV 2402	RBWTCV-8	RECEIVER	BOILER WATER TEMP CONT VALVE-8	
TY 2402		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-8	
TC 2402		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-8	REMOTE STN 1
ZT 2402		RECEIVER	BOILER WATER TEMP VALVE-8 POSITION	
TE 2402A	RBT-8-1	RECEIVER	BOILER PANEL TEMP.-8-1	
TE 2402B	RBT-8-2	RECEIVER	BOILER PANEL TEMP.-8-2	
TE 2402C	RBT-8-3	RECEIVER	BOILER PANEL TEMP.-8-3	(SPARE)
FT 2403	RBWFR-9	RECEIVER	BOILER PANEL WATER FLOW RATE-9	
FE 2403		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-9	
TV 2403	RBWTCV-9	RECEIVER	BOILER WATER TEMP CONT VALVE-9	
TY 2403		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-9	
TC 2403		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-9	REMOTE STN 1
ZT 2403		RECEIVER	BOILER WATER TEMP VALVE-9 POSITION	
TE 2403A	RBT-9-1	RECEIVER	BOILER PANEL TEMP.-9-1	
TE 2403B	RBT-9-2	RECEIVER	BOILER PANEL TEMP.-9-2	
TE 2403C	RBT-9-3	RECEIVER	BOILER PANEL TEMP.-9-3	(SPARE)
TE 2404A	RBSOT-7-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-7-1	
TE 2404B	RBSOT-7-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-7-2	
TE 2404C	RBSOT-7-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-7-3	(SPARE)
TE 2405A	RBSOT-8-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-8-1	
TE 2405B	RBSOT-8-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-8-2	
TE 2405C	RBSOT-8-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-8-3	(SPARE)
TE 2406A	RBSOT-9-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-9-1	
TE 2406B	RBSOT-9-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-9-2	
TE 2406C	RBSOT-9-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-9-3	(SPARE)
YT 2407A	RBHF-7-1	RECEIVER	BOILER HEAT FLUX-7-1	
YT 2407B	RBHF-7-2	RECEIVER	BOILER HEAT FLUX-7-2	
YT 2407C	RBHF-7-3	RECEIVER	BOILER HEAT FLUX-7-3	
YT 2408A	RBHF-8-1	RECEIVER	BOILER HEAT FLUX-8-1	
YT 2408B	RBHF-8-2	RECEIVER	BOILER HEAT FLUX-8-2	
YT 2408C	RBHF-8-3	RECEIVER	BOILER HEAT FLUX-8-3	
YT 2409A	RBHF-9-1	RECEIVER	BOILER HEAT FLUX-9-1	
YT 2409B	RBHF-9-2	RECEIVER	BOILER HEAT FLUX-9-2	
YT 2409C	RBHF-9-3	RECEIVER	BOILER HEAT FLUX-9-3	
PDT 2410	RBWFD-7	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-7	
PDT 2411	RBWFD-8	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-8	
PDT 2412	RBWFD-9	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-9	
AOV 2413	RBWDV-7	RECEIVER	BOILER PANEL WATER DRAIN VALVE-7	
ZS 2413A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-7 POSITION	
ZS 2413B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-7 POSITION	
AOV 2414	RBWDV-8	RECEIVER	BOILER PANEL WATER DRAIN VALVE-8	
ZS 2414A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-8 POSITION	
ZS 2414B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-8 POSITION	
AOV 2415	RBWDV-9	RECEIVER	BOILER PANEL WATER DRAIN VALVE-9	
ZS 2415A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-9 POSITION	
ZS 2415B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-9 POSITION	
PDTX2430	RBWDP-7	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-7	
PDTX2431	RBWDP-8	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-8	
PDTX2432	RBWDP-9	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-9	
TEX 2433	RBSIT-7	RECEIVER	BOILER PANEL STEAM INLET TEMP.-7	(RTD)
TEX 2434	RBSIT-8	RECEIVER	BOILER PANEL STEAM INLET TEMP.-8	(RTD)

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2435	RBSIT-9	RECEIVER	BOILER PANEL STEAM INLET TEMP.-9	(KTD)
OTX 2436	RBPA-7	RECEIVER	BOILER PANEL AXIAL MOVEMENT-7	
OTX 2437	RBPA-8	RECEIVER	BOILER PANEL AXIAL MOVEMENT-8	
OTX 2438	RBPA-9	RECEIVER	BOILER PANEL AXIAL MOVEMENT-9	
OTX 2439	RBPL-7	RECEIVER	BOILER PANEL LATERAL POSITION-7	
TEX 2445	RBSOT-7-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-7-4	(RTD)
TEX 2446	RBSOT-8-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-8-4	(KTD)
TEX 2447	RBSOT-9-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-9-4	(RTD)
TEX 2448	RTWT-7	RECEIVER	MOISTURE TRAP WATER TEMP.-7	
TEX 2449	RTWT-8	RECEIVER	MOISTURE TRAP WATER TEMP.-8	
TEX 2450	RTWT-9	RECEIVER	MOISTURE TRAP WATER TEMP.-9	
TEX 2452	RTT-8	RECEIVER	MOISTURE TRAP TEMP.-8	
TEX 2454A	RBT-7-4	RECEIVER	BOILER PANEL TEMP.-7-4	
TEX 2454B	RBT-7-5	RECEIVER	BOILER PANEL TEMP.-7-5	
TEX 2454C	RBT-7-6	RECEIVER	BOILER PANEL TEMP.-7-6	
TEX 2454D	RBT-7-7	RECEIVER	BOILER PANEL TEMP.-7-7	
TEX 2454E	RBT-7-8	RECEIVER	BOILER PANEL TEMP.-7-8	
TEX 2455A	RBT-8-4	RECEIVER	BOILER PANEL TEMP.-8-4	
TEX 2455B	RBT-8-5	RECEIVER	BOILER PANEL TEMP.-8-5	
TEX 2455C	RBT-8-6	RECEIVER	BOILER PANEL TEMP.-8-6	
TEX 2455D	RBT-8-7	RECEIVER	BOILER PANEL TEMP.-8-7	
TEX 2455E	RBT-8-8	RECEIVER	BOILER PANEL TEMP.-8-8	
TEX 2456A	RBT-9-4	RECEIVER	BOILER PANEL TEMP.-9-4	
TEX 2456B	RBT-9-5	RECEIVER	BOILER PANEL TEMP.-9-5	
TEX 2456C	RBT-9-6	RECEIVER	BOILER PANEL TEMP.-9-6	
TEX 2456D	RBT-9-7	RECEIVER	BOILER PANEL TEMP.-9-7	
TEX 2456E	RBT-9-8	RECEIVER	BOILER PANEL TEMP.-9-8	
FT 2501	RBWFR-10	RECEIVER	BOILER PANEL WATER FLOW RATE-10	
FE 2501		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-10	
TV 2501	RBWTCV-10	RECEIVER	BOILER WATER TEMP CONT VALVE-10	
TY 2501		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-10	
TC 2501		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-10	REMOTE STN 1
ZT 2501		RECEIVER	BOILER WATER TEMP VALVE-10 POSITION	
TE 2501A	RBT-10-1	RECEIVER	BOILER PANEL TEMP.-10-1	
TE 2501B	RBT-10-2	RECEIVER	BOILER PANEL TEMP.-10-2	
TE 2501C	RBT-10-3	RECEIVER	BOILER PANEL TEMP.-10-3	(SPARE)
FT 2502	RBWFR-11	RECEIVER	BOILER PANEL WATER FLOW RATE-11	
FE 2502		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-11	
TV 2502	RBWTCV-11	RECEIVER	BOILER WATER TEMP CONT VALVE-11	
TY 2502		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-11	
TC 2502		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-11	REMOTE STN 1
ZT 2502		RECEIVER	BOILER WATER TEMP VALVE-11 POSITION	
TE 2502A	RBT-11-1	RECEIVER	BOILER PANEL TEMP.-11-1	
TE 2502B	RBT-11-2	RECEIVER	BOILER PANEL TEMP.-11-2	
TE 2502C	RBT-11-3	RECEIVER	BOILER PANEL TEMP.-11-3	(SPARE)
FT 2503	RBWFR-12	RECEIVER	BOILER PANEL WATER FLOW RATE-12	
FE 2503		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-12	
TV 2503	RBWTCV-12	RECEIVER	BOILER WATER TEMP CONT VALVE-12	
TY 2503		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-12	
TC 2503		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-12	REMOTE STN 1
ZT 2503		RECEIVER	BOILER WATER TEMP VALVE-12 POSITION	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 2503A	RBT-12-1	RECEIVER	BOILER PANEL TEMP.-12-1	
TE 2503B	RBT-12-2	RECEIVER	BOILER PANEL TEMP.-12-2	
TE 2503C	RBT-12-3	RECEIVER	BOILER PANEL TEMP.-12-3	(SPARE)
TE 2504A	RBSOT-10-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-10-1	
TE 2504B	RBSOT-10-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-10-2	
TE 2504C	RBSOT-10-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-10-3	(SPARE)
TE 2505A	RBSOT-11-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-11-1	
TE 2505B	RBSOT-11-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-11-2	
TE 2505C	RBSOT-11-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-11-3	(SPARE)
TE 2506A	RBSOT-12-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-12-1	
TE 2506B	RBSOT-12-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-12-2	
TE 2506C	RBSOT-12-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-12-3	(SPARE)
YT 2507A	RBHF-10-1	RECEIVER	BOILER HEAT FLUX-10-1	
YT 2507B	RBHF-10-2	RECEIVER	BOILER HEAT FLUX-10-2	
YT 2507C	RBHF-10-3	RECEIVER	BOILER HEAT FLUX-10-3	
YT 2508A	RBHF-11-1	RECEIVER	BOILER HEAT FLUX-11-1	
YT 2508B	RBHF-11-2	RECEIVER	BOILER HEAT FLUX-11-2	
YT 2508C	RBHF-11-3	RECEIVER	BOILER HEAT FLUX-11-3	
YT 2509A	RBHF-12-1	RECEIVER	BOILER HEAT FLUX-12-1	
YT 2509B	RBHF-12-2	RECEIVER	BOILER HEAT FLUX-12-2	
YT 2509C	RBHF-12-3	RECEIVER	BOILER HEAT FLUX-12-3	
PDT 2510	RBWFD-10	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-10	
PDT 2511	RBWFD-11	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-11	
PDT 2512	RBWFD-12	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-12	
ADV 2513	RBWDV-10	RECEIVER	BOILER PANEL WATER DRAIN VALVE-10	
ZS 2513A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-10 POSITION	
ZS 2513B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-10 POSITION	
ADV 2514	RBWDV-11	RECEIVER	BOILER PANEL WATER DRAIN VALVE-11	
ZS 2514A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-11 POSITION	
ZS 2514B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-11 POSITION	
ADV 2515	RBWDV-12	RECEIVER	BOILER PANEL WATER DRAIN VALVE-12	
ZS 2515A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-12 POSITION	
ZS 2515B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-12 POSITION	
PDTX2530	RBWDP-10	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-10	
PDTX2531	RBWDP-11	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-11	
PDTX2532	RBWDP-12	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-12	
TEX 2533	RBSIT-10	RECEIVER	BOILER PANEL STEAM INLET TEMP.-10	(RTD)
TEX 2534	RBSIT-11	RECEIVER	BOILER PANEL STEAM INLET TEMP.-11	(RTD)
TEX 2535	RBSIT-12	RECEIVER	BOILER PANEL STEAM INLET TEMP.-12	(RTD)
OTX 2536	RBPA-10	RECEIVER	BOILER PANEL AXIAL MOVEMENT-10	
OTX 2537	RBPA-11	RECEIVER	BOILER PANEL AXIAL MOVEMENT-11	
OTX 2538A	RBPA-12-1	RECEIVER	BOILER PANEL AXIAL MOVEMENT-12-1	
OTX 2538B	RBPA-12-2	RECEIVER	BOILER PANEL AXIAL MOVEMENT-12-2	
OTX 2538C	RBPA-12-3	RECEIVER	BOILER PANEL AXIAL MOVEMENT-12-3	
OTX 2538D	RBPA-12-4	RECEIVER	BOILER PANEL AXIAL MOVEMENT-12-4	
OTX 2538E	RBPA-12-5	RECEIVER	BOILER PANEL AXIAL MOVEMENT-12-5	
OTX 2544A	RBPB-12-1	RECEIVER	BOILER PANEL BOW POSITION-12-1	
OTX 2544B	RBPB-12-2	RECEIVER	BOILER PANEL BOW POSITION-12-2	
OTX 2544C	RBPB-12-3	RECEIVER	BOILER PANEL BOW POSITION-12-3	
OTX 2544D	RBPB-12-4	RECEIVER	BOILER PANEL BOW POSITION-12-4	
OTX 2544E	RBPB-12-5	RECEIVER	BOILER PANEL BOW POSITION-12-5	
OTX 2544F	RBPB-12-6	RECEIVER	BOILER PANEL BOW POSITION-12-6	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2545	RBSOT-10-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-10-4	(RTD)
TEX 2546	RBSOT-11-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-11-4	(RTD)
TEX 2547	RBSOT-12-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-12-4	(RTD)
TEX 2548	RTWT-10	RECEIVER	MOISTURE TRAP WATER TEMP.-10	
TEX 2549	RTWT-11	RECEIVER	MOISTURE TRAP WATER TEMP.-11	
TEX 2550	RTWT-12	RECEIVER	MOISTURE TRAP WATER TEMP.-12	
TEX 2551	RTT-10	RECEIVER	MOISTURE TRAP TEMP.-10	
TEX 2553	RTT-12	RECEIVER	MOISTURE TRAP TEMP.-12	
TEX 2554A	RBT-10-4	RECEIVER	BOILER PANEL TEMP.-10-4	
TEX 2554B	RBT-10-5	RECEIVER	BOILER PANEL TEMP.-10-5	
TEX 2554C	RBT-10-6	RECEIVER	BOILER PANEL TEMP.-10-6	
TEX 2554D	RBT-10-7	RECEIVER	BOILER PANEL TEMP.-10-7	
TEX 2554E	RBT-10-8	RECEIVER	BOILER PANEL TEMP.-10-8	
TEX 2555A	RBT-11-4	RECEIVER	BOILER PANEL TEMP.-11-4	
TEX 2555B	RBT-11-5	RECEIVER	BOILER PANEL TEMP.-11-5	
TEX 2555C	RBT-11-6	RECEIVER	BOILER PANEL TEMP.-11-6	
TEX 2555D	RBT-11-7	RECEIVER	BOILER PANEL TEMP.-11-7	
TEX 2555E	RBT-11-8	RECEIVER	BOILER PANEL TEMP.-11-8	
TEX 2556A	RBT-12-4	RECEIVER	BOILER PANEL TEMP.-12-4	
TEX 2556B	RBT-12-5	RECEIVER	BOILER PANEL TEMP.-12-5	
TEX 2556C	RBT-12-6	RECEIVER	BOILER PANEL TEMP.-12-6	
TEX 2556D	RBT-12-7	RECEIVER	BOILER PANEL TEMP.-12-7	
TEX 2556E	RBT-12-8	RECEIVER	BOILER PANEL TEMP.-12-8	
TEX 2556F	RBT-12-9	RECEIVER	BOILER PANEL TEMP.-12-9	
TEX 2556G	RBT-12-10	RECEIVER	BOILER PANEL TEMP.-12-10	
TEX 2556H	RBT-12-11	RECEIVER	BOILER PANEL TEMP.-12-11	
TEX 2556I	RBT-12-12	RECEIVER	BOILER PANEL TEMP.-12-12	
TEX 2556J	RBT-12-13	RECEIVER	BOILER PANEL TEMP.-12-13	
TEX 2556K	RBT-12-14	RECEIVER	BOILER PANEL TEMP.-12-14	
TEX 2556L	RBT-12-15	RECEIVER	BOILER PANEL TEMP.-12-15	
TEX 2556M	RBT-12-16	RECEIVER	BOILER PANEL TEMP.-12-16	
TEX 2556N	RBT-12-17	RECEIVER	BOILER PANEL TEMP.-12-17	
TEX 2556P	RBT-12-18	RECEIVER	BOILER PANEL TEMP.-12-18	
TEX 2556Q	RBT-12-19	RECEIVER	BOILER PANEL TEMP.-12-19	
TEX 2556R	RBT-12-20	RECEIVER	BOILER PANEL TEMP.-12-20	
TEX 2556S	RBT-12-21	RECEIVER	BOILER PANEL TEMP.-12-21	
TEX 2556T	RBT-12-22	RECEIVER	BOILER PANEL TEMP.-12-22	
TEX 2556U	RBT-12-23	RECEIVER	BOILER PANEL TEMP.-12-23	
TEX 2556V	RBT-12-24	RECEIVER	BOILER PANEL TEMP.-12-24	
TEX 2556W	RBT-12-25	RECEIVER	BOILER PANEL TEMP.-12-25	
TEX 2556X	RBT-12-26	RECEIVER	BOILER PANEL TEMP.-12-26	
TEX 2556Y	RBT-12-27	RECEIVER	BOILER PANEL TEMP.-12-27	
TEX 2556Z	RBT-12-28	RECEIVER	BOILER PANEL TEMP.-12-28	
TEX 2559A	RBT-12-29	RECEIVER	BOILER PANEL TEMP.-12-29	
TEX 2559B	RBT-12-30	RECEIVER	BOILER PANEL TEMP.-12-30	
TEX 2559C	RBT-12-31	RECEIVER	BOILER PANEL TEMP.-12-31	
TEX 2559D	RBT-12-32	RECEIVER	BOILER PANEL TEMP.-12-32	
TEX 2559E	RBT-12-33	RECEIVER	BOILER PANEL TEMP.-12-33	
TEX 2559F	RBT-12-34	RECEIVER	BOILER PANEL TEMP.-12-34	
TEX 2559G	RBT-12-35	RECEIVER	BOILER PANEL TEMP.-12-35	
TEX 2559H	RBT-12-36	RECEIVER	BOILER PANEL TEMP.-12-36	
TEX 2559I	RBT-12-37	RECEIVER	BOILER PANEL TEMP.-12-37	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2559J	RBT-12-38	RECEIVER	BOILER PANEL TEMP.-12-38	
TEX 2559K	RBT-12-39	RECEIVER	BOILER PANEL TEMP.-12-39	
TEX 2559L	RBT-12-40	RECEIVER	BOILER PANEL TEMP.-12-40	
TEX 2559M	RBT-12-41	RECEIVER	BOILER PANEL TEMP.-12-41	
TEX 2559N	RBT-12-42	RECEIVER	BOILER PANEL TEMP.-12-42	
TEX 2559P	RBT-12-43	RECEIVER	BOILER PANEL TEMP.-12-43	
TEX 2559Q	RBT-12-44	RECEIVER	BOILER PANEL TEMP.-12-44	
TEX 2559R	RBT-12-45	RECEIVER	BOILER PANEL TEMP.-12-45	
TEX 2559S	RBT-12-46	RECEIVER	BOILER PANEL TEMP.-12-46	
TEX 2559T	RBT-12-47	RECEIVER	BOILER PANEL TEMP.-12-47	
TEX 2559U	RBT-12-48	RECEIVER	BOILER PANEL TEMP.-12-48	
TEX 2559V	RBT-12-49	RECEIVER	BOILER PANEL TEMP.-12-49	
TEX 2559W	RBT-12-50	RECEIVER	BOILER PANEL TEMP.-12-50	
TEX 2559X	RBT-12-51	RECEIVER	BOILER PANEL TEMP.-12-51	
TEX 2559Y	RBT-12-52	RECEIVER	BOILER PANEL TEMP.-12-52	
TEX 2559Z	RBT-12-53	RECEIVER	BOILER PANEL TEMP.-12-53	
TEX 2562A	RBT-12-54	RECEIVER	BOILER PANEL TEMP.-12-54	
TEX 2562B	RBT-12-55	RECEIVER	BOILER PANEL TEMP.-12-55	
TEX 2562C	RBT-12-56	RECEIVER	BOILER PANEL TEMP.-12-56	
TEX 2562D	RBT-12-57	RECEIVER	BOILER PANEL TEMP.-12-57	
TEX 2562E	RBT-12-58	RECEIVER	BOILER PANEL TEMP.-12-58	
FT 2601	RBWFR-13	RECEIVER	BOILER PANEL WATER FLOW RATE-13	
FE 2601		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-13	
TV 2601	RBWTCV-13	RECEIVER	BOILER WATER TEMP CONT VALVE-13	
TY 2601		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-13	
TC 2601		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-13	REMOTE STN 1
ZT 2601		RECEIVER	BOILER WATER TEMP VALVE-13 POSITION	
TE 2601A	RBT-13-1	RECEIVER	BOILER PANEL TEMP.-13-1	
TE 2601B	RBT-13-2	RECEIVER	BOILER PANEL TEMP.-13-2	
TE 2601C	RBT-13-3	RECEIVER	BOILER PANEL TEMP.-13-3	(SPARE)
FT 2602	RBWFR-14	RECEIVER	BOILER PANEL WATER FLOW RATE-14	
FE 2602		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-14	
TV 2602	RBWTCV-14	RECEIVER	BOILER WATER TEMP CONT VALVE-14	
TY 2602		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-14	
TC 2602		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-14	REMOTE STN 1
ZT 2602		RECEIVER	BOILER WATER TEMP VALVE-14 POSITION	
TE 2602A	RBT-14-1	RECEIVER	BOILER PANEL TEMP.-14-1	
TE 2602B	RBT-14-2	RECEIVER	BOILER PANEL TEMP.-14-2	
TE 2602C	/	RECEIVER	BOILER PANEL TEMP.-14-3	(SPARE)
FT 2603	RBWFR-15	RECEIVER	BOILER PANEL WATER FLOW RATE-15	
FE 2603		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-15	
TV 2603	RBWTCV-15	RECEIVER	BOILER WATER TEMP CONT VALVE-15	
TY 2603		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-15	
TC 2603		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-15	REMOTE STN 1
ZT 2603		RECEIVER	BOILER WATER TEMP VALVE-15 POSITION	
TE 2603A	RBT-15-1	RECEIVER	BOILER PANEL TEMP.-15-1	
TE 2603B	RBT-15-2	RECEIVER	BOILER PANEL TEMP.-15-2	
TE 2603C	RBT-15-3	RECEIVER	BOILER PANEL TEMP.-15-3	(SPARE)
TE 2604A	RBSOT-13-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-13-1	
TE 2604B	RBSOT-13-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-13-2	
TE 2604C	RBSOT-13-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-13-3	(SPARE)

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 2605A	RBSOT-14-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-14-1	
TE 2605B	RBSOT-14-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-14-2	
TE 2605C	RBSOT-14-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-14-3	(SPARE)
TE 2606A	RBSOT-15-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-15-1	
TE 2606B	RBSOT-15-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-15-2	
TE 2606C	RBSOT-15-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-15-3	(SPARE)
YT 2607A	RBHF-13-1	RECEIVER	BOILER HEAT FLUX-13-1	
YT 2607B	RBHF-13-2	RECEIVER	BOILER HEAT FLUX-13-2	
YT 2607C	RBHF-13-3	RECEIVER	BOILER HEAT FLUX-13-3	
YT 2608A	RBHF-14-1	RECEIVER	BOILER HEAT FLUX-14-1	
YT 2608B	RBHF-14-2	RECEIVER	BOILER HEAT FLUX-14-2	
YT 2608C	RBHF-14-3	RECEIVER	BOILER HEAT FLUX-14-3	
YT 2609A	RBHF-15-1	RECEIVER	BOILER HEAT FLUX-15-1	
YT 2609B	RBHF-15-2	RECEIVER	BOILER HEAT FLUX-15-2	
YT 2609C	RBHF-15-3	RECEIVER	BOILER HEAT FLUX-15-3	
PDT 2610	RBWFD-13	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-13	
PDT 2611	RBWFD-14	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-14	
PDT 2612	RBWFD-15	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-15	
AOV 2613	RBWDV-13	RECEIVER	BOILER PANEL WATER DRAIN VALVE-13	
ZS 2613A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-13 POSITION	
ZS 2613B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-13 POSITION	
AOV 2614	RBWDV-14	RECEIVER	BOILER PANEL WATER DRAIN VALVE-14	
ZS 2614A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-14 POSITION	
ZS 2614B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-14 POSITION	
AOV 2615	RBWDV-15	RECEIVER	BOILER PANEL WATER DRAIN VALVE-15	
ZS 2615A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-15 POSITION	
ZS 2615B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-15 POSITION	
PDTX2630	RBWDP-13	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-13	
PDTX2631	RBWDP-14	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-14	
PDTX2632	RBWDP-15	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-15	
TEX 2633	RBSIT-13	RECEIVER	BOILER PANEL STEAM INLET TEMP.-13	(RTD)
TEX 2634	RBSIT-14	RECEIVER	BOILER PANEL STEAM INLET TEMP.-14	(RTD)
TEX 2635	RBSIT-15	RECEIVER	BOILER PANEL STEAM INLET TEMP.-15	(RTD)
OTX 2636	RBPA-13	RECEIVER	BOILER PANEL AXIAL MOVEMENT-13	
OTX 2637	RBPA-14	RECEIVER	BOILER PANEL AXIAL MOVEMENT-14	
OTX 2638	RBPA-15	RECEIVER	BOILER PANEL AXIAL MOVEMENT-15	
OTX 2642A	RBPB13-1	RECEIVER	BOILER PANEL BOW POSITION-13-1	
OTX 2642B	RBPB13-2	RECEIVER	BOILER PANEL BOW POSITION-13-2	
OTX 2642C	RBPB13-3	RECEIVER	BOILER PANEL BOW POSITION-13-3	
OTX 2642D	RBPB13-4	RECEIVER	BOILER PANEL BOW POSITION-13-4	
OTX 2642E	RBPB13-5	RECEIVER	BOILER PANEL BOW POSITION-13-5	
OTX 2642F	RBPB13-6	RECEIVER	BOILER PANEL BOW POSITION-13-6	
TEX 2645	RBSOT-13-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-13-4	(RTD)
TEX 2646	RBSOT-14-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-14-4	(RTD)
TEX 2647	RBSOT-15-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-15-4	(RTD)
TEX 2648	RTWT-13	RECEIVER	MOISTURE TRAP WATER TEMP.-13	
TEX 2649	RTWT-14	RECEIVER	MOISTURE TRAP WATER TEMP.-14	
TEX 2650	RTWT-15	RECEIVER	MOISTURE TRAP WATER TEMP.-15	
TEX 2654A	RBT-13-4	RECEIVER	BOILER PANEL TEMP.-13-4	
TEX 2654B	RBT-13-5	RECEIVER	BOILER PANEL TEMP.-13-5	
TEX 2654C	RBT-13-6	RECEIVER	BOILER PANEL TEMP.-13-6	
TEX 2654D	RBT-13-7	RECEIVER	BOILER PANEL TEMP.-13-7	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2654E	RBT-13-8	RECEIVER	BOILER PANEL TEMP.-13-8	
TEX 2655A	RBT-14-4	RECEIVER	BOILER PANEL TEMP.-14-4	
TEX 2655B	RBT-14-5	RECEIVER	BOILER PANEL TEMP.-14-5	
TEX 2655C	RBT-14-6	RECEIVER	BOILER PANEL TEMP.-14-6	
TEX 2655D	RBT-14-7	RECEIVER	BOILER PANEL TEMP.-14-7	
TEX 2655E	RBT-14-8	RECEIVER	BOILER PANEL TEMP.-14-8	
TEX 2656A	RBT-15-4	RECEIVER	BOILER PANEL TEMP.-15-4	
TEX 2656B	RBT-15-5	RECEIVER	BOILER PANEL TEMP.-15-5	
TEX 2656C	RBT-15-6	RECEIVER	BOILER PANEL TEMP.-15-6	
TEX 2656D	RBT-15-7	RECEIVER	BOILER PANEL TEMP.-15-7	
TEX 2656E	RBT-15-8	RECEIVER	BOILER PANEL TEMP.-15-8	
FT 2701	RBWFR-16	RECEIVER	BOILER PANEL WATER FLOW RATE-16	
FE 2701		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-16	
TV 2701	RBWTCV-16	RECEIVER	BOILER WATER TEMP CONT VALVE-16	
TY 2701		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-16	
TC 2701		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-16	REMOTE STN 1
ZT 2701		RECEIVER	BOILER WATER TEMP VALVE-16 POSITION	
TE 2701A	RBT-16-1	RECEIVER	BOILER PANEL TEMP.-16-1	
TE 2701B	RBT-16-2	RECEIVER	BOILER PANEL TEMP.-16-2	
TE 2701C	RBT-16-3	RECEIVER	BOILER PANEL TEMP.-16-3	(SPARE)
FT 2702	RBWFR-17	RECEIVER	BOILER PANEL WATER FLOW RATE-17	
FE 2702		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-17	
TV 2702	RBWTCV-17	RECEIVER	BOILER WATER TEMP CONT VALVE-17	
TY 2702		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-17	
TC 2702		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-17	REMOTE STN 1
ZT 2702		RECEIVER	BOILER WATER TEMP VALVE-17 POSITION	
TE 2702A	RBT-17-1	RECEIVER	BOILER PANEL TEMP.-17-1	
TE 2702B	RBT-17-2	RECEIVER	BOILER PANEL TEMP.-17-2	
TE 2702C	RBT-17-3	RECEIVER	BOILER PANEL TEMP.-17-3	
FT 2703	RBWFR-18	RECEIVER	BOILER PANEL WATER FLOW RATE-18	
FE 2703		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-18	
TV 2703	RBWTCV-18	RECEIVER	BOILER WATER TEMP CONT VALVE-18	
TY 2703		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-18	
TC 2703		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-18	REMOTE STN 1
ZT 2703		RECEIVER	BOILER WATER TEMP VALVE-18 POSITION	
TE 2703A	RBT-18-1	RECEIVER	BOILER PANEL TEMP.-18-1	
TE 2703B	RBT-18-2	RECEIVER	BOILER PANEL TEMP.-18-2	
TE 2703C	RBT-18-3	RECEIVER	BOILER PANEL TEMP.-18-3	(SPARE)
TE 2704A	RBSOT-16-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-16-1	
TE 2704B	RBSOT-16-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-16-2	
TE 2704C	RBSOT-16-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-16-3	(SPARE)
TE 2705A	RBSOT-17-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-17-1	
TE 2705B	RBSOT-17-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-17-2	
TE 2705C	RBSOT-17-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-17-3	(SPARE)
TE 2706A	RBSOT-18-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-18-1	
TE 2706B	RBSOT-18-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-18-2	
TE 2706C	RBSOT-18-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-18-3	(SPARE)
YT 2707A	RBHF-16-1	RECEIVER	BOILER HEAT FLUX-16-1	
YT 2707B	RBHF-16-2	RECEIVER	BOILER HEAT FLUX-16-2	
YT 2707C	RBHF-16-3	RECEIVER	BOILER HEAT FLUX-16-3	
YT 2708A	RBHF-17-1	RECEIVER	BOILER HEAT FLUX-17-1	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
YT 2708B	RBHF-17-2	RECEIVER	BOILER HEAT FLUX-17-2	
YT 2708C	RBHF-17-3	RECEIVER	BOILER HEAT FLUX-17-3	
YT 2709A	RBHF-18-1	RECEIVER	BOILER HEAT FLUX-18-1	
YT 2709B	RBHF-18-2	RECEIVER	BOILER HEAT FLUX-18-2	
YT 2709C	RBHF-18-3	RECEIVER	BOILER HEAT FLUX-18-3	
PDT 2710	RBWFD-16	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-16	
PDT 2711	RBWFD-17	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-17	
PDT 2712	RBWFD-18	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-18	
AOV 2713	RBWDV-16	RECEIVER	BOILER PANEL WATER DRAIN VALVE-16	
ZS 2713A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-16 POSITION	
ZS 2713B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-16 POSITION	
AOV 2714	RBWDV-17	RECEIVER	BOILER PANEL WATER DRAIN VALVE-17	
ZS 2714A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-17 POSITION	
ZS 2714B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-17 POSITION	
AOV 2715	RBWDV-18	RECEIVER	BOILER PANEL WATER DRAIN VALVE-18	
ZS 2715A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-18 POSITION	
ZS 2715B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-18 POSITION	
PDTX2730	RBWDP-16	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-16	
PDTX2731	RBWDP-17	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-17	
PDTX2732	RBWDP-18	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-18	
TEX 2733	RBSIT-16	RECEIVER	BOILER PANEL STEAM INLET TEMP.-16	(RTD)
TEX 2734	RBSIT-17	RECEIVER	BOILER PANEL STEAM INLET TEMP.-17	(RTD)
TEX 2735	RBSIT-18	RECEIVER	BOILER PANEL STEAM INLET TEMP.-18	(RTD)
OTX 2736	RBPA-16	RECEIVER	BOILER PANEL AXIAL MOVEMENT-16	
OTX 2737	RBPA-17	RECEIVER	BOILER PANEL AXIAL MOVEMENT-17	
OTX 2738	RBPA-18	RECEIVER	BOILER PANEL AXIAL MOVEMENT-18	
OTX 2741	RBPL-18	RECEIVER	BOILER PANEL LATERAL POSITION-18	
TEX 2745	RBSOT-16-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-16-4	(RTD)
TEX 2746	RBSOT-17-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-17-4	(RTD)
TEX 2747	RBSOT-18-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-18-4	(RTD)
TEX 2748	RTWT-16	RECEIVER	MOISTURE TRAP WATER TEMP.-16	
TEX 2749	RTWT-17	RECEIVER	MOISTURE TRAP WATER TEMP.-17	
TEX 2750	RTWT-18	RECEIVER	MOISTURE TRAP WATER TEMP.-18	
TEX 2754A	RBT-16-4	RECEIVER	BOILER PANEL TEMP.-16-4	
TEX 2754B	RBT-16-5	RECEIVER	BOILER PANEL TEMP.-16-5	
TEX 2754C	RBT-16-6	RECEIVER	BOILER PANEL TEMP.-16-6	
TEX 2754D	RBT-16-7	RECEIVER	BOILER PANEL TEMP.-16-7	
TEX 2754E	RBT-16-8	RECEIVER	BOILER PANEL TEMP.-16-8	
TEX 2755A	RBT-17-4	RECEIVER	BOILER PANEL TEMP.-17-4	
TEX 2755B	RBT-17-5	RECEIVER	BOILER PANEL TEMP.-17-5	
TEX 2755C	RBT-17-6	RECEIVER	BOILER PANEL TEMP.-17-6	
TEX 2755D	RBT-17-7	RECEIVER	BOILER PANEL TEMP.-17-7	
TEX 2755E	RBT-17-8	RECEIVER	BOILER PANEL TEMP.-17-8	
TEX 2755F	RBT-17-9	RECEIVER	BOILER PANEL TEMP.-17-9	
TEX 2755G	RBT-17-10	RECEIVER	BOILER PANEL TEMP.-17-10	
TEX 2755H	RBT-17-11	RECEIVER	BOILER PANEL TEMP.-17-11	
TEX 2755I	RBT-17-12	RECEIVER	BOILER PANEL TEMP.-17-12	
TEX 2755J	RBT-17-13	RECEIVER	BOILER PANEL TEMP.-17-13	
TEX 2755K	RBT-17-14	RECEIVER	BOILER PANEL TEMP.-17-14	
TEX 2755L	RBT-17-15	RECEIVER	BOILER PANEL TEMP.-17-15	
TEX 2755M	RBT-17-16	RECEIVER	BOILER PANEL TEMP.-17-16	
TEX 2755N	RBT-17-17	RECEIVER	BOILER PANEL TEMP.-17-17	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2755P	RBT-17-18	RECEIVER	BOILER PANEL TEMP.-17-18	
TEX 2755Q	RBT-17-19	RECEIVER	BOILER PANEL TEMP.-17-19	
TEX 2755R	RBT-17-20	RECEIVER	BOILER PANEL TEMP.-17-20	
TEX 2755S	RBT-17-21	RECEIVER	BOILER PANEL TEMP.-17-21	
TEX 2755T	RBT-17-22	RECEIVER	BOILER PANEL TEMP.-17-22	
TEX 2755U	RBT-17-23	RECEIVER	BOILER PANEL TEMP.-17-23	
TEX 2755V	RBT-17-24	RECEIVER	BOILER PANEL TEMP.-17-24	
TEX 2755W	RBT-17-25	RECEIVER	BOILER PANEL TEMP.-17-25	
TEX 2755X	RBT-17-26	RECEIVER	BOILER PANEL TEMP.-17-26	
TEX 2755Y	RBT-17-27	RECEIVER	BOILER PANEL TEMP.-17-27	
TEX 2755Z	RBT-17-28	RECEIVER	BOILER PANEL TEMP.-17-28	
TEX 2756A	RBT-18-4	RECEIVER	BOILER PANEL TEMP.-18-4	
TEX 2756B	RBT-18-5	RECEIVER	BOILER PANEL TEMP.-18-5	
TEX 2756C	RBT-18-6	RECEIVER	BOILER PANEL TEMP.-18-6	
TEX 2756D	RBT-18-7	RECEIVER	BOILER PANEL TEMP.-18-7	
TEX 2756E	RBT-18-8	RECEIVER	BOILER PANEL TEMP.-18-8	
TEX 2758A	RBT-17-29	RECEIVER	BOILER PANEL TEMP.-17-29	
TEX 2758B	RBT-17-30	RECEIVER	BOILER PANEL TEMP.-17-30	
TEX 2758C	RBT-17-31	RECEIVER	BOILER PANEL TEMP.-17-31	
TEX 2758D	RBT-17-32	RECEIVER	BOILER PANEL TEMP.-17-32	
TEX 2758E	RBT-17-33	RECEIVER	BOILER PANEL TEMP.-17-33	
TEX 2758F	RBT-17-34	RECEIVER	BOILER PANEL TEMP.-17-34	
TEX 2758G	RBT-17-35	RECEIVER	BOILER PANEL TEMP.-17-35	
TEX 2758H	RBT-17-36	RECEIVER	BOILER PANEL TEMP.-17-36	
TEX 2758I	RBT-17-37	RECEIVER	BOILER PANEL TEMP.-17-37	
TEX 2758J	RBT-17-38	RECEIVER	BOILER PANEL TEMP.-17-38	
TEX 2758K	RBT-17-39	RECEIVER	BOILER PANEL TEMP.-17-39	
TEX 2758L	RBT-17-40	RECEIVER	BOILER PANEL TEMP.-17-40	
TEX 2758M	RBT-17-41	RECEIVER	BOILER PANEL TEMP.-17-41	
TEX 2758N	RBT-17-42	RECEIVER	BOILER PANEL TEMP.-17-42	
TEX 2758P	RBT-17-43	RECEIVER	BOILER PANEL TEMP.-17-43	
TEX 2758Q	RBT-17-44	RECEIVER	BOILER PANEL TEMP.-17-44	
TEX 2758R	RBT-17-45	RECEIVER	BOILER PANEL TEMP.-17-45	
TEX 2758S	RBT-17-46	RECEIVER	BOILER PANEL TEMP.-17-46	
TEX 2758T	RBT-17-47	RECEIVER	BOILER PANEL TEMP.-17-47	
TEX 2758U	RBT-17-48	RECEIVER	BOILER PANEL TEMP.-17-48	
TEX 2758V	RBT-17-49	RECEIVER	BOILER PANEL TEMP.-17-49	
TEX 2758W	RBT-17-50	RECEIVER	BOILER PANEL TEMP.-17-50	
TEX 2758X	RBT-17-51	RECEIVER	BOILER PANEL TEMP.-17-51	
TEX 2758Y	RBT-17-52	RECEIVER	BOILER PANEL TEMP.-17-52	
TEX 2758Z	RBT-17-53	RECEIVER	BOILER PANEL TEMP.-17-53	
TEX 2761A	RBT-17-54	RECEIVER	BOILER PANEL TEMP.-17-54	
TEX 2761B	RBT-17-55	RECEIVER	BOILER PANEL TEMP.-17-55	
TEX 2761C	RBT-17-56	RECEIVER	BOILER PANEL TEMP.-17-56	
TEX 2761D	RBT-17-57	RECEIVER	BOILER PANEL TEMP.-17-57	
TEX 2761E	RBT-17-58	RECEIVER	BOILER PANEL TEMP.-17-58	
FT 2801	RBWFR-19	RECEIVER	BOILER PANEL WATER FLOW RATE-19	
FE 2801		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-19	
TV 2801	RBWTCV-19	RECEIVER	BOILER WATER TEMP CONT VALVE-19	
TY 2801		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-19	
TC 2801		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-19	REMOTE STN 1

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
ZT 2801		RECEIVER	BOILER WATER TEMP VALVE-19 POSITION	
TE 2801A	RBT-19-1	RECEIVER	BOILER PANEL TEMP.-19-1	
TE 2801B	RBT-19-2	RECEIVER	BOILER PANEL TEMP.-19-2	
TE 2801C	RBT-19-3	RECEIVER	BOILER PANEL TEMP.-19-3	(SPARE)
FT 2902	RBWFR-20	RECEIVER	BOILER PANEL WATER FLOW RATE-20	
FE 2802		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-20	
TV 2802	RBWTCV-20	RECEIVER	BOILER WATER TEMP CONT VALVE-20	
TY 2802		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-20	
TC 2802		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-20	REMOTE STN 1
ZT 2802		RECEIVER	BOILER WATER TEMP VALVE-20 POSITION	
TE 2802A	RBT-20-1	RECEIVER	BOILER PANEL TEMP.-20-1	
TE 2802B	RBT-20-2	RECEIVER	BOILER PANEL TEMP.-20-2	
TE 2802C	RBT-20-3	RECEIVER	BOILER PANEL TEMP.-20-3	(SPARE)
FT 2903	RBWFR-21	RECEIVER	BOILER PANEL WATER FLOW RATE-21	
FE 2803		RECEIVER	BOILER PANEL WATER FLOW ELEMENT-21	
TV 2803	RBWTCV-21	RECEIVER	BOILER WATER TEMP CONT VALVE-21	
TY 2803		RECEIVER	BOILER WATER TEMP CONT VALVE CONVERTER-21	
TC 2803		RECEIVER	BOILER WATER TEMP VALVE CONTROLLER-21	REMOTE STN 1
ZT 2803		RECEIVER	BOILER WATER TEMP VALVE-21 POSITION	
TE 2803A	RBT-21-1	RECEIVER	BOILER PANEL TEMP.-21-1	
TE 2803B	RBT-21-2	RECEIVER	BOILER PANEL TEMP.-21-2	
TE 2803C	RBT-21-3	RECEIVER	BOILER PANEL TEMP.-21-3	(SPARE)
TE 2804A	RBSOT-19-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-19-1	
TE 2804B	RBSOT-19-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-19-2	
TE 2804C	RBSOT-19-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-19-3	(SPARE)
TE 2805A	RBSOT-20-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-20-1	
TE 2805B	RBSOT-20-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-20-2	
TE 2805C	RBSOT-20-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-20-3	(SPARE)
TE 2806A	RBSOT-21-1	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-21-1	
TE 2806B	RBSOT-21-2	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-21-2	
TE 2806C	RBSOT-21-3	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-21-3	(SPARE)
YT 2807A	RBHF-19-1	RECEIVER	BOILER HEAT FLUX-19-1	
YT 2807B	RBHF-19-2	RECEIVER	BOILER HEAT FLUX-19-2	
YT 2807C	RBHF-19-3	RECEIVER	BOILER HEAT FLUX-19-3	
YT 2808A	RBHF-20-1	RECEIVER	BOILER HEAT FLUX-20-1	
YT 2808B	RBHF-20-2	RECEIVER	BOILER HEAT FLUX-20-2	
YT 2808C	RBHF-20-3	RECEIVER	BOILER HEAT FLUX-20-3	
YT 2809A	RBHF-21-1	RECEIVER	BOILER HEAT FLUX-21-1	
YT 2809B	RBHF-21-2	RECEIVER	BOILER HEAT FLUX-21-2	
YT 2809C	RBHF-21-3	RECEIVER	BOILER HEAT FLUX-21-3	
PDT 2810	RBWFD-19	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-19	
PDT 2811	RBWFD-20	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-20	
PDT 2812	RBWFD-21	RECEIVER	BOILER PANEL WATER FILTER DIFFERENTIAL PRESS.-21	
AOV 2813	RBWDV-19	RECEIVER	BOILER PANEL WATER DRAIN VALVE-19	
ZS 2813A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-19 POSITION	
ZS 2813B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-19 POSITION	
AOV 2814	RBWDV-20	RECEIVER	BOILER PANEL WATER DRAIN VALVE-20	
ZS 2814A		RECEIVER	BOILER PANEL WATER DRAIN VALVE-20 POSITION	
ZS 2814B		RECEIVER	BOILER PANEL WATER DRAIN VALVE-20 POSITION	
AOV 2815	RBWDV-21	RECEIVER	BOILER PANEL WATER DRAIN VALVE-21	
ZS 2815A		RECEIVER	BOILER PANEL WATER DRAIN VALVE POSITION	
ZS 2815B		RECEIVER	BOILER PANEL WATER DRAIN VALVE POSITION	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
POTX2830	RBWDP-19	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-19	
POTX2831	RBWDP-20	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-20	
POTX2832	RBWDP-21	RECEIVER	BOILER PANEL WATER DIFFERENTIAL PRESS.-21	
TEX 2833	RBSIT-19	RECEIVER	BOILER PANEL STEAM INLET TEMP.-19	(RTD)
TEX 2834	RBSIT-20	RECEIVER	BOILER PANEL STEAM INLET TEMP.-20	(RTD)
TEX 2835	RBSIT-21	RECEIVER	BOILER PANEL STEAM INLET TEMP.-21	(RTD)
OTX 2836	RBPA-19	RECEIVER	BOILER PANEL AXIAL MOVEMENT-19	
OTX 2837	RBPA-20	RECEIVER	BOILER PANEL AXIAL MOVEMENT-20	
OTX 2838	RBPA-21	RECEIVER	BOILER PANEL AXIAL MOVEMENT-21	
OTX 2839	RBPL-19	RECEIVER	BOILER PANEL LATERAL POSITION-19	
OTX 2844A	RBPB-21-1	RECEIVER	BOILER PANEL BOW POSITION-21-1	
OTX 2844B	RBPB-21-2	RECEIVER	BOILER PANEL BOW POSITION-21-2	
OTX 2844C	RBPB-21-3	RECEIVER	BOILER PANEL BOW POSITION-21-3	
TEX 2845	RBSOT-19-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-19-4	(RTD)
TEX 2846	RBSOT-20-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-20-4	(RTD)
TEX 2847	RBSOT-21-4	RECEIVER	BOILER PANEL STEAM OUTLET TEMP.-21-4	(RTD)
TEX 2848	RTWT-19	RECEIVER	MOISTURE TRAP WATER TEMP.-19	
TEX 2849	RTWT-20	RECEIVER	MOISTURE TRAP WATER TEMP.-20	
TEX 2850	RTWT-21	RECEIVER	MOISTURE TRAP WATER TEMP.-21	
TEX 2854A	RBT-19-4	RECEIVER	BOILER PANEL TEMP.-19-4	
TEX 2854B	RBT-19-5	RECEIVER	BOILER PANEL TEMP.-19-5	
TEX 2854C	RBT-19-6	RECEIVER	BOILER PANEL TEMP.-19-6	
TEX 2854D	RBT-19-7	RECEIVER	BOILER PANEL TEMP.-19-7	
TEX 2854E	RBT-19-8	RECEIVER	BOILER PANEL TEMP.-19-8	
TEX 2855A	RBT-20-4	RECEIVER	BOILER PANEL TEMP.-20-4	
TEX 2855B	RBT-20-5	RECEIVER	BOILER PANEL TEMP.-20-5	
TEX 2855C	RBT-20-6	RECEIVER	BOILER PANEL TEMP.-20-6	
TEX 2855D	RBT-20-7	RECEIVER	BOILER PANEL TEMP.-20-7	
TEX 2855E	RBT-20-8	RECEIVER	BOILER PANEL TEMP.-20-8	
TEX 2856A	RBT-21-4	RECEIVER	BOILER PANEL TEMP.-21-4	
TEX 2856B	RBT-21-5	RECEIVER	BOILER PANEL TEMP.-21-5	
TEX 2856C	RBT-21-6	RECEIVER	BOILER PANEL TEMP.-21-6	
TEX 2856D	RBT-21-7	RECEIVER	BOILER PANEL TEMP.-21-7	
TEX 2856E	RBT-21-8	RECEIVER	BOILER PANEL TEMP.-21-8	
TEX 2856F	RBT-21-9	RECEIVER	BOILER PANEL TEMP.-21-9	
TEX 2856G	RBT-21-10	RECEIVER	BOILER PANEL TEMP.-21-10	
TEX 2856H	RBT-21-11	RECEIVER	BOILER PANEL TEMP.-21-11	
TEX 2856I	RBT-21-12	RECEIVER	BOILER PANEL TEMP.-21-12	
TEX 2856J	RBT-21-13	RECEIVER	BOILER PANEL TEMP.-21-13	
TEX 2856K	RBT-21-14	RECEIVER	BOILER PANEL TEMP.-21-14	
TEX 2856L	RBT-21-15	RECEIVER	BOILER PANEL TEMP.-21-15	
TEX 2856M	RBT-21-16	RECEIVER	BOILER PANEL TEMP.-21-16	
TEX 2856N	RBT-21-17	RECEIVER	BOILER PANEL TEMP.-21-17	
TEX 2856P	RBT-21-18	RECEIVER	BOILER PANEL TEMP.-21-18	
TEX 2856Q	RBT-21-19	RECEIVER	BOILER PANEL TEMP.-21-19	
TEX 2856R	RBT-21-20	RECEIVER	BOILER PANEL TEMP.-21-20	
TEX 2856S	RBT-21-21	RECEIVER	BOILER PANEL TEMP.-21-21	
TEX 2856T	RBT-21-22	RECEIVER	BOILER PANEL TEMP.-21-22	
TEX 2856U	RBT-21-23	RECEIVER	BOILER PANEL TEMP.-21-23	
TEX 2856V	RBT-21-24	RECEIVER	BOILER PANEL TEMP.-21-24	
TEX 2856W	RBT-21-25	RECEIVER	BOILER PANEL TEMP.-21-25	
TEX 2856X	RBT-21-26	RECEIVER	BOILER PANEL TEMP.-21-26	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 2856Y	RBT-21-27	RECEIVER	BOILER PANEL TEMP.-21-27	
TEX 2856Z	RBT-21-28	RECEIVER	BOILER PANEL TEMP.-21-28	
TEX 2859A	RBT-21-29	RECEIVER	BOILER PANEL TEMP.-21-29	
TEX 2859B	RBT-21-30	RECEIVER	BOILER PANEL TEMP.-21-30	
TEX 2859C	RBT-21-31	RECEIVER	BOILER PANEL TEMP.-21-31	
TEX 2859D	RBT-21-32	RECEIVER	BOILER PANEL TEMP.-21-32	
TEX 2859E	RBT-21-33	RECEIVER	BOILER PANEL TEMP.-21-33	
TEX 2859F	RBT-21-34	RECEIVER	BOILER PANEL TEMP.-21-34	
TEX 2859G	RBT-21-35	RECEIVER	BOILER PANEL TEMP.-21-35	
TEX 2859H	RBT-21-36	RECEIVER	BOILER PANEL TEMP.-21-36	
TEX 2859I	RBT-21-37	RECEIVER	BOILER PANEL TEMP.-21-37	
TEX 2859J	RBT-21-38	RECEIVER	BOILER PANEL TEMP.-21-38	
TEX 2859K	RBT-21-39	RECEIVER	BOILER PANEL TEMP.-21-39	
TEX 2859L	RBT-21-40	RECEIVER	BOILER PANEL TEMP.-21-40	
TEX 2859M	RBT-21-41	RECEIVER	BOILER PANEL TEMP.-21-41	
TEX 2859N	RBT-21-42	RECEIVER	BOILER PANEL TEMP.-21-42	
TEX 2859P	RBT-21-43	RECEIVER	BOILER PANEL TEMP.-21-43	
TEX 2859Q	RBT-21-44	RECEIVER	BOILER PANEL TEMP.-21-44	
TEX 2859R	RBT-21-45	RECEIVER	BOILER PANEL TEMP.-21-45	
TEX 2859S	RBT-21-46	RECEIVER	BOILER PANEL TEMP.-21-46	
TEX 2859T	RBT-21-47	RECEIVER	BOILER PANEL TEMP.-21-47	
TEX 2859U	RBT-21-48	RECEIVER	BOILER PANEL TEMP.-21-48	
TEX 2859V	RBT-21-49	RECEIVER	BOILER PANEL TEMP.-21-49	
TEX 2859W	RBT-21-50	RECEIVER	BOILER PANEL TEMP.-21-50	
TEX 2859X	RBT-21-51	RECEIVER	BOILER PANEL TEMP.-21-51	
TEX 2859Y	RBT-21-52	RECEIVER	BOILER PANEL TEMP.-21-52	
TEX 2859Z	RBT-21-53	RECEIVER	BOILER PANEL TEMP.-21-53	
TEX 2862A	RBT-21-54	RECEIVER	BOILER PANEL TEMP.-21-54	
TEX 2862B	RBT-21-55	RECEIVER	BOILER PANEL TEMP.-21-55	
TEX 2862C	RBT-21-56	RECEIVER	BOILER PANEL TEMP.-21-56	
TEX 2862D	RBT-21-57	RECEIVER	BOILER PANEL TEMP.-21-57	
TEX 2862E	RBT-21-58	RECEIVER	BOILER PANEL TEMP.-21-58	
LT 2901	RAWL	RECEIVER	ACCUMULATOR WATER LEVEL	
LV 2901	RAWDV	RECEIVER	ACCUMULATOR WATER DRAIN VALVE	
LY 2901		RECEIVER	ACCUMULATOR WATER DRAIN VALVE CONVERTER	
LC 2901		RECEIVER	ACCUMULATOR WATER DRAIN VALVE CONTROLLER	REMOTE STN 1
ZT 2901		RECEIVER	ACCUMULATOR WATER DRAIN VALVE POSITION	
PV 2902	RMSVV-1	RECEIVER	DOWNCOMER MANIFOLD STEAM VENT VALVE-1	
PT 2902	RMSOP	RECEIVER	DOWNCOMER MANIFOLD STEAM OUTLET PRESS.	
PY 2902		RECEIVER	MANIFOLD STEAM VENT VALVE CONVERTER	
PY 2902A		RECEIVER	MANIFOLD STEAM VENT VALVE CONVERTER-A	
PC 2902		RECEIVER	MANIFOLD STEAM VENT VALVE CONTROLLER	REMOTE STN 1
ZT 2902		RECEIVER	MANIFOLD STEAM VENT VALVE POSITION	REMOTE STN 1
ADV 2903	RMSVV-2	RECEIVER	DOWNCOMER MANIFOLD STEAM VENT VALVE-2	
ZS 2903A		RECEIVER	DOWNCOMER MANIFOLD STEAM VENT VALVE-2 POSITION	
ZS 2903B		RECEIVER	DOWNCOMER MANIFOLD STEAM VENT VALVE-2 POSITION	
TE 2903	RMSOT-1	RECEIVER	DOWNCOMER MANIFOLD STEAM OUTLET TEMP.-1	
TE 2904	RMSOT-2	RECEIVER	DOWNCOMER MANIFOLD STEAM OUTLET TEMP.-2	(RTD)
UV 2905	RDSIV	RECEIVER	DOWNCOMER MANIFOLD STEAM INLET VALVE	
UY 2905		RECEIVER	DOWNCOMER MANIFOLD STEAM INLET VALVE CONVERTER	
UC 2905		RECEIVER	DOWNCOMER MANIFOLD STEAM INLET VALVE CONTROLLER	REMOTE STN 1

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
ZT 2905		RECEIVER	DOWNCOMER MANIFOLD STEAM INLET VALVE POSITION	
PV 2906	RFSPCV	RECEIVER	FLASH TANK STEAM PRESS. CONTROL VALVE	
PY 2906		RECEIVER	FLASH TANK STEAM PRESS VALVE CONVERTER	
PC 2906		RECEIVER	FLASH TANK STEAM PRESS VALVE CONTROLLER	REMOTE STN 1
PT 2906A	RFSOP-1	RECEIVER	FLASH TANK STEAM OUTLET PRESS.-1	
PT 2906B	RFSOP-2	RECEIVER	FLASH TANK STEAM OUTLET PRESS.-2	
TE 2907	RFSOT	RECEIVER	FLASH TANK STEAM OUTLET TEMP.	
LT 2908	RFWL	RECEIVER	FLASH TANK WATER LEVEL	
PSV 2909	RMSRV-1	RECEIVER	MANIFOLD STEAM RELIEF VALVE-1	
PSV 2910	RMSRV-2	RECEIVER	MANIFOLD STEAM RELIEF VALVE-2	
AOV 2911	RFSIV	RECEIVER	FLASH TANK STEAM INLET VALVE	
ZS 2911A		RECEIVER	FLASH TANK STEAM INLET VALVE POSITION	
ZS 2911B		RECEIVER	FLASH TANK STEAM INLET VALVE POSITION	
PSV 2912	RFSRV	RECEIVER	FLASH TANK STEAM RELIEF VALVE	
TEX 2930	RMST-5	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-5	2 TO 4 CROSSES
TEX 2931	RMST-8	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-8	2 TO 4 CROSSES
TEX 2932	RMST-11	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-11	2 TO 4 CROSSES
TEX 2933	RMST-14	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-14	2 TO 4 CROSSES
TEX 2934	RMST-17	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-17	2 TO 4 CROSSES
TEX 2935	RMST-20	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-20	2 TO 4 CROSSES
TEX 2936	RMST-5	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-5	4 TO 6 CROSSES
TEX 2937	RMST-8	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-8	4 TO 6 CROSSES
TEX 2938	RMST-11	RECEIVER	DOWNCOMER MANIFOLD STEAM TEMP.-11	4 TO 6 CROSSES
TEX 2939	RMT-5	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-5	2 TO 4 CROSSES
TEX 2940	RMT-8	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-8	2 TO 4 CROSSES
TEX 2941	RMT-11	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-11	2 TO 4 CROSSES
TEX 2942	RMT-14	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-14	2 TO 4 CROSSES
TEX 2943	RMT-17	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-17	2 TO 4 CROSSES
TEX 2944	RMT-20	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-20	2 TO 4 CROSSES
TEX 2945	RMT-5	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-5	4 TO 6 CROSSES
TEX 2946	RMT-8	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-8	4 TO 6 CROSSES
TEX 2947	RMT-11	RECEIVER	DOWNCOMER MANIFOLD SKIN TEMP.-11	4 TO 6 CROSSES
TEX 2948	RAT	RECEIVER	RECEIVER ACCUMULATOR TEMP.	
PDTX2949	RSDP	RECEIVER	DOWNCOMER STEAM DIFFERENTIAL PRESS.	
TEX 2950	RDSIT	RECEIVER	DOWNCOMER STEAM INLET TEMP.	
TEX 2951	RTF	RECEIVER	FLASH TANK TEMP.	
PDTX2952	RFSDP	RECEIVER	FLASH TANK STEAM DIFFERENTIAL PRESS.	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
ADV 3001	TUFBV-1	TSU	STORAGE UNIT HEAT TRANSFER FLUID BYPASS VALVE-1	
ZS 3001A		TSU	STORAGE UNIT HEAT TRANS FLUID BYPASS VAL-1 POSITION	
ZS 3001B		TSU	STORAGE UNIT HEAT TRANS FLUID BYPASS VAL-1 POSITION	
ADV 3002	TUFCV	TSU	STORAGE UNIT HEAT TRANSFER FLUID CONTROL VALVE	
ZS 3002A		TSU	STORAGE UNIT HEAT TRANSFER FLUID CONT VAL POSITION	
ZS 3002B		TSU	STORAGE UNIT HEAT TRANSFER FLUID CONT VAL POSITION	
ADV 3003	TUFBV-2	TSU	STORAGE UNIT HEAT TRANSFER FLUID BYPASS VALVE-2	
ZS 3003A		TSU	STORAGE UNIT HEAT TRANS FLUID BYPASS VALVE-2 POSITION	
ZS 3003B		TSU	STORAGE UNIT HEAT TRANS FLUID BYPASS VALVE-2 POSITION	
ADV 3004	TUFEV	TSU	STORAGE UNIT HEAT TRANSFER FLUID EXTRACTION VALVE	
ZS 3004A		TSU	STORAGE UNIT HEAT TRANS FLUID EXT VAL POSITION	
ZS 3004B		TSU	STORAGE UNIT HEAT TRANS FLUID EXT VAL POSITION	
ADV 3005	TFAIV-3	TSU	AUX. EXTRACTION FLUID INLET VALVE	
ZS 3005A		TSU	AUX. EXTRACTION FLUID INLET VALVE POSITION	
ZS 3005B		TSU	AUX. EXTRACTION FLUID INLET VALVE POSITION	
TE 3006	TUFCT	TSU	STORAGE UNIT HEAT TRANSFER FLUID CHARGING TEMP.	
TE 3007	TUFET	TSU	STORAGE UNIT HEAT TRANSFER FLUID EXTRACTION TEMP	
LT 3008	TUFL	TSU	STORAGE UNIT HEAT TRANSFER FLUID LEVEL INDICATOR	
TE 3009A	TUFT-1	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-1	
TE 3009B	TUFT-2	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-2	
TE 3009C	TUFT-3	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-3	
TE 3009D	TUFT-4	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-4	
TE 3009E	TUFT-5	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-5	
TE 3009F	TUFT-6	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-6	
TE 3009G	TUFT-7	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-7	
TE 3009H	TUFT-8	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-8	
TE 3009I	TUFT-9	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-9	
TE 3009J	TUFT-10	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-10	
TE 3009K	TUFT-11	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-11	
TE 3009L	TUFT-12	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-12	
TE 3009M	TUFT-13	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-13	
TE 3009N	TUFT-14	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-14	
TE 3010A	TUFT-15	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-15	
TE 3010B	TUFT-16	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-16	
TE 3010C	TUFT-17	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-17	
TE 3010D	TUFT-18	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-18	
TE 3010E	TUFT-19	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-19	
TE 3010F	TUFT-20	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-20	
TE 3010G	TUFT-21	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-21	
TE 3010H	TUFT-22	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-22	
TE 3010I	TUFT-23	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-23	
TE 3010J	TUFT-24	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-24	
TE 3010K	TUFT-25	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-25	
TE 3010L	TUFT-26	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-26	
TE 3010M	TUFT-27	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-27	
TE 3010N	TUFT-28	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-28	
TE 3011A	TUFT-29	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-29	
TE 3011B	TUFT-30	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-30	
TE 3011C	TUFT-31	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-31	
TE 3011D	TUFT-32	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-32	
TE 3011E	TUFT-33	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-33	
TE 3011F	TUFT-34	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-34	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 3011G	TUFT-35	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-35	
TE 3011H	TUFT-36	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-36	
TE 3011I	TUFT-37	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-37	
TE 3011J	TUFT-38	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-38	
TE 3011K	TUFT-39	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-39	
TE 3011L	TUFT-40	TSU	STORAGE UNIT HEAT TRANSFER FLUID TEMP.-40	
OE 3012	TUSG-1	TSU	STORAGE UNIT STRAIN GAGE-1	
OE 3013	TUSG-2	TSU	STORAGE UNIT STRAIN GAGE-2	
OE 3014	TUSG-3	TSU	STORAGE UNIT STRAIN GAGE-3	
OE 3015	TUSG-4	TSU	STORAGE UNIT STRAIN GAGE-4	
OE 3016	TUSG-5	TSU	STORAGE UNIT STRAIN GAGE-5	
YTX 3050	TUHF-1	TSU	STORAGE UNIT HEAT FLUX-1	
YTX 3051	TUHF-2	TSU	STORAGE UNIT HEAT FLUX-2	
YTX 3052	TUHF-3	TSU	STORAGE UNIT HEAT FLUX-3	
YTX 3053	TUHF-4	TSU	STORAGE UNIT HEAT FLUX-4	
YTX 3054	TUHF-5	TSU	STORAGE UNIT HEAT FLUX-5	
YTX 3055	TUHF-6	TSU	STORAGE UNIT HEAT FLUX-6	
YTX 3056	TUHF-7	TSU	STORAGE UNIT HEAT FLUX-7	
YTX 3057	TUHF-8	TSU	STORAGE UNIT HEAT FLUX-8	
YTX 3058	TUHF-9	TSU	STORAGE UNIT HEAT FLUX-9	
YTX 3059	TUHF-10	TSU	STORAGE UNIT HEAT FLUX-10	
YTX 3060	TUHF-11	TSU	STORAGE UNIT HEAT FLUX-11	
YTX 3061	TUHF-12	TSU	STORAGE UNIT HEAT FLUX-12	
YTX 3062	TUHF-13	TSU	STORAGE UNIT HEAT FLUX-13	
YTX 3063	TUHF-14	TSU	STORAGE UNIT HEAT FLUX-14	
YTX 3064	TUHF-15	TSU	STORAGE UNIT HEAT FLUX-15	
TLX 3065A	TUT-1	TSU	STORAGE UNIT BASE TEMP.-1	
TEX 3065B	TUT-2	TSU	STORAGE UNIT BASE TEMP.-2	
TEX 3065C	TUT-3	TSU	STORAGE UNIT BASE TEMP.-3	
TEX 3065D	TUT-4	TSU	STORAGE UNIT BASE TEMP.-4	
TEX 3065E	TUT-5	TSU	STORAGE UNIT BASE TEMP.-5	
TEX 3066A	TUFT-41	TSU	STORAGE UNIT TEMP.-41	
TEX 3066B	TUFT-42	TSU	STORAGE UNIT TEMP.-42	
TEX 3066C	TUFT-43	TSU	STORAGE UNIT TEMP.-43	
TEX 3066D	TUFT-44	TSU	STORAGE UNIT TEMP.-44	
TEX 3066E	TUFT-45	TSU	STORAGE UNIT TEMP.-45	
TEX 3066F	TUFT-46	TSU	STORAGE UNIT TEMP.-46	
TEX 3066G	TUFT-47	TSU	STORAGE UNIT TEMP.-47	
TEX 3066H	TUFT-48	TSU	STORAGE UNIT TEMP.-48	
TEX 3066I	TUFT-49	TSU	STORAGE UNIT TEMP.-49	
TEX 3066J	TUFT-50	TSU	STORAGE UNIT TEMP.-50	
TEX 3066K	TUFT-51	TSU	STORAGE UNIT TEMP.-51	
TEX 3066L	TUFT-52	TSU	STORAGE UNIT TEMP.-52	
TEX 3066M	TUFT-53	TSU	STORAGE UNIT TEMP.-53	
TEX 3066N	TUFT-54	TSU	STORAGE UNIT TEMP.-54	
TEX 3066P	TUFT-55	TSU	STORAGE UNIT TEMP.-55	
TEX 3066Q	TUFT-56	TSU	STORAGE UNIT TEMP.-56	
TEX 3066R	TUFT-57	TSU	STORAGE UNIT TEMP.-57	
TEX 3066S	TUFT-58	TSU	STORAGE UNIT TEMP.-58	
TEX 3066T	TUFT-59	TSU	STORAGE UNIT TEMP.-59	
TEX 3066U	TUFT-60	TSU	STORAGE UNIT TEMP.-60	
TEX 3066A	TUFT-61	TSU	STORAGE UNIT TEMP.-61	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 3067B	TUFT-62	TSU	STORAGE UNIT TEMP.-62	
TEX 3067C	TUFT-63	TSU	STORAGE UNIT TEMP.-63	
TEX 3067D	TUFT-64	TSU	STORAGE UNIT TEMP.-64	
TEX 3067E	TUFT-65	TSU	STORAGE UNIT TEMP.-65	
TEX 3067F	TUFT-66	TSU	STORAGE UNIT TEMP.-66	
TEX 3067G	TUFT-67	TSU	STORAGE UNIT TEMP.-67	
TEX 3067H	TUFT-68	TSU	STORAGE UNIT TEMP.-68	
TEX 3067I	TUFT-69	TSU	STORAGE UNIT TEMP.-69	
TEX 3067J	TUFT-70	TSU	STORAGE UNIT TEMP.-70	
TEX 3067K	TUFT-71	TSU	STORAGE UNIT TEMP.-71	
TEX 3067L	TUFT-72	TSU	STORAGE UNIT TEMP.-72	
TEX 3067M	TUFT-73	TSU	STORAGE UNIT TEMP.-73	
TEX 3067N	TUFT-74	TSU	STORAGE UNIT TEMP.-74	
TEX 3067P	TUFT-75	TSU	STORAGE UNIT TEMP.-75	
TEX 3067Q	TUFT-76	TSU	STORAGE UNIT TEMP.-76	
TEX 3067R	TUFT-77	TSU	STORAGE UNIT TEMP.-77	
TEX 3067S	TUFT-78	TSU	STORAGE UNIT TEMP.-78	
TEX 3067T	TUFT-79	TSU	STORAGE UNIT TEMP.-79	
TEX 3067U	TUFT-80	TSU	STORAGE UNIT TEMP.-80	
TEX 3068A	TUFT-81	TSU	STORAGE UNIT TEMP.-81	
TEX 3068B	TUFT-82	TSU	STORAGE UNIT TEMP.-82	
TEX 3068C	TUFT-83	TSU	STORAGE UNIT TEMP.-83	
TEX 3068D	TUFT-84	TSU	STORAGE UNIT TEMP.-84	
TEX 3068E	TUFT-85	TSU	STORAGE UNIT TEMP.-85	
TEX 3068F	TUFT-86	TSU	STORAGE UNIT TEMP.-86	
TEX 3068G	TUFT-87	TSU	STORAGE UNIT TEMP.-87	
TEX 3068H	TUFT-88	TSU	STORAGE UNIT TEMP.-88	
TEX 3068I	TUFT-89	TSU	STORAGE UNIT TEMP.-89	
TEX 3068J	TUFT-90	TSU	STORAGE UNIT TEMP.-90	
TEX 3068K	TUFT-91	TSU	STORAGE UNIT TEMP.-91	
TEX 3068L	TUFT-92	TSU	STORAGE UNIT TEMP.-92	
TEX 3068M	TUFT-93	TSU	STORAGE UNIT TEMP.-93	
TEX 3068N	TUFT-94	TSU	STORAGE UNIT TEMP.-94	
TEX 3068P	TUFT-95	TSU	STORAGE UNIT TEMP.-95	
TEX 3068Q	TUFT-96	TSU	STORAGE UNIT TEMP.-96	
TEX 3068R	TUFT-97	TSU	STORAGE UNIT TEMP.-97	
TEX 3068S	TUFT-98	TSU	STORAGE UNIT TEMP.-98	
TEX 3068T	TUFT-99	TSU	STORAGE UNIT TEMP.-99	
TEX 3068U	TUFT-100	TSU	STORAGE UNIT TEMP.-100	
TEX 3069A	TUFT-101	TSU	STORAGE UNIT TEMP.-101	
TEX 3069B	TUFT-102	TSU	STORAGE UNIT TEMP.-102	
TEX 3069C	TUFT-103	TSU	STORAGE UNIT TEMP.-103	
TEX 3069D	TUFT-104	TSU	STORAGE UNIT TEMP.-104	
TEX 3069E	TUFT-105	TSU	STORAGE UNIT TEMP.-105	
TEX 3069F	TUFT-106	TSU	STORAGE UNIT TEMP.-106	
TEX 3069G	TUFT-107	TSU	STORAGE UNIT TEMP.-107	
TEX 3069H	TUFT-108	TSU	STORAGE UNIT TEMP.-108	
TEX 3069I	TUFT-109	TSU	STORAGE UNIT TEMP.-109	
TEX 3069J	TUFT-110	TSU	STORAGE UNIT TEMP.-110	
TEX 3069K	TUFT-111	TSU	STORAGE UNIT TEMP.-111	
TEX 3069L	TUFT-112	TSU	STORAGE UNIT TEMP.-112	
TEX 3069M	TUFT-113	TSU	STORAGE UNIT TEMP.-113	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TEX 3069N	TUFT-114	TUS	STORAGE UNIT TEMP.-114	
TEX 3069P	TUFT-115	TSU	STORAGE UNIT TEMP.-115	
TEX 3069Q	TUFT-116	TSU	STORAGE UNIT TEMP.-116	
TEX 3069R	TUFT-117	TSU	STORAGE UNIT TEMP.-117	
TEX 3069S	TUFT-118	TSU	STORAGE UNIT TEMP.-118	
TEX 3069T	TUFT-119	TSU	STORAGE UNIT TEMP.-119	
TEX 3069U	TUFT-120	TSU	STORAGE UNIT TEMP.-120	
TEX 3070A	TUFT-121	TSU	STORAGE UNIT TEMP.-121	
TEX 3070B	TUFT-122	TSU	STORAGE UNIT TEMP.-122	
TEX 3070C	TUFT-123	TSU	STORAGE UNIT TEMP.-123	
TEX 3070D	TUFT-124	TSU	STORAGE UNIT TEMP.-124	
TEX 3070E	TUFT-125	TSU	STORAGE UNIT TEMP.-125	
TEX 3070F	TUFT-126	TSU	STORAGE UNIT TEMP.-126	
TEX 3070G	TUFT-127	TSU	STORAGE UNIT TEMP.-127	
TEX 3070H	TUFT-128	TSU	STORAGE UNIT TEMP.-128	
TEX 3070I	TUFT-129	TSU	STORAGE UNIT TEMP.-129	
TEX 3070J	TUFT-130	TSU	STORAGE UNIT TEMP.-130	
TEX 3070K	TUFT-131	TSU	STORAGE UNIT TEMP.-131	
TEX 3070L	TUFT-132	TSU	STORAGE UNIT TEMP.-132	
TEX 3070M	TUFT-133	TSU	STORAGE UNIT TEMP.-133	
TEX 3070N	TUFT-134	TSU	STORAGE UNIT TEMP.-134	
TEX 3070P	TUFT-135	TSU	STORAGE UNIT TEMP.-135	
TEX 3070Q	TUFT-136	TSU	STORAGE UNIT TEMP.-136	
TEX 3070R	TUFT-137	TSU	STORAGE UNIT TEMP.-137	
TEX 3070S	TUFT-138	TSU	STORAGE UNIT TEMP.-138	
TEX 3070T	TUFT-139	TSU	STORAGE UNIT TEMP.-139	
TEX 3070U	TUFT-140	TSU	STORAGE UNIT TEMP.-140	
TEX 3070V	TUFT-141	TSU	STORAGE UNIT TEMP.-141	
PDTX3072	TUFIDP	TSU	STORAGE UNIT HEAT TRANSFER FLUID INLET PRESSURE DIFF	
PDTX3074	TUFODP	TSU	STORAGE UNIT HEAT TRANSFER FLUID OUTLET PRESS. DIFF.	
PDTX3075	TUFDP	TSU	STORAGE UNIT HEAT TRANSFER FLUID DIFFERENTIAL PRESS.	
OEX 3076	TUSG-6	TSU	STORAGE UNIT STRAIN GAGE-6	
OEX 3077	TUSG-7	TSU	STORAGE UNIT STRAIN GAGE-7	
OEX 3078	TUSG-8	TSU	STORAGE UNIT STRAIN GAGE-8	
OEX 3079	TUSG-9	TSU	STORAGE UNIT STRAIN GAGE-9	
OEX 3080	TUSG-10	TSU	STORAGE UNIT STRAIN GAGE-10	
OEX 3081	TUSG-11	TSU	STORAGE UNIT STRAIN GAGE-11	
OEX 3082	TUSG-12	TSU	STORAGE UNIT STRAIN GAGE-12	
OEX 3083	TUSG-13	TSU	STORAGE UNIT STRAIN GAGE-13	
OEX 3084	TUSG-14	TSU	STORAGE UNIT STRAIN GAGE-14	
OEX 3085	TUSG-15	TSU	STORAGE UNIT STRAIN GAGE-15	
TEX 3086	TFOAT	TSU	OIL AUXILIARY MANIFOLD TEMP.	
PS 3099	TIAPS	INST AIR	THERMAL STORAGE INSTRUMENT AIR PRESS. SWITCH	
PI 3101	TDSPG	SA301	DESUPERHEATER STEAM PRESSURE GAGE	
UV 3102	TDSIV	SA301	DESUPERHEATER STEAM INLET VALVE	
FT 3102	TDSFK	SA301	DESUPERHEATER STEAM FLOW RATE	
UC 3102		SA301	DESUPERHEATER STEAM INLET VALVE CONTROLLER	REMOTE STN 2
UY 3102		SA301	DESUPERHEATER STEAM INLET VALVE CONVERTER	
ZT 3102		SA301	DESUPERHEATER STEAM INLET VALVE POSITION	
FE 3102		SA301	DESUPERHEATER STEAM FLOW ELEMENT	
PC 3102		SA301	DESUPERHTR STEAM INLET VALVE PRESS CONTROLLER	REMOTE STN 2

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
EC 3102		SA301	DESUPERHEATER STEAM INLET VALVE EPGS LOAD CONTROLLER	REMOTE STN 2
PT 3102A	TDSIP-1	SA301	DESUPERHEATER STEAM PRESSURE-1	
PT 3102B	TDSIP-2	SA301	DESUPERHEATER STEAM PRESSURE-2	
TE 3103	TDSIT-1	SA301	DESUPERHEATER STEAM INLET TEMPERATURE	
PT 3104	TDSIP-3	SA301	DESUPERHEATER STEAM PRESSURE-3	
FT 3105	TOWFR	SA301	DESUPERHEATER WATER FLOW RATE	
TV 3105	TOWTCV	SA301	DESUPERHEATER WATER TEMP. CONTROL VALVE	
TC 3105		SA301	DESUPERHEATER WATER INLET VALVE TEMP CONTROLLER	REMOTE STN 2
TY 3105		SA301	DESUPERHEATER WATER INLET VALVE CONVERTER	
ZT 3105		SA301	DESUPERHEATER WATER INLET VALVE POSITION	
FE 3105		SA301	DESUPERHEATER WATER FLOW ELEMENT	
FC 3105		SA301	DESUPERHEATER WATER INLET VALVE FLOW CONTROLLER	REMOTE STN 2
TE 3105A	TDSOT-1	SA301	DESUPERHEATER STEAM OUTLET TEMPERATURE-1	
TE 3105B	TDSOT-2	SA301	DESUPERHEATER STEAM OUTLET TEMPERATURE-2	
TE 3105C	TDSOT-3	SA301	DESUPERHEATER STEAM OUTLET TEMPERATURE-3	
TE 3106	TDSOT-4	SA301	DESUPERHEATER STEAM OUTLET TEMPERATURE-4	(RTD)
PJ 3107	TOWPG	SA301	DESUPERHEATER WATER PRESSURE GAGE	
TE 3108	TOWIT	SA301	DESUPERHEATER WATER INLET TEMPERATURE	
PT 3109	TOWIP	SA301	DESUPERHEATER WATER INLET PRESSURE	
UV 3110	TTWPCV-1	SA301	STEAM TRAP WATER CONTROL VALVE-1	
UC 3110		SA301	STEAM TRAP WATER CONTROL VALVE CONT-1	REMOTE STN 2
UY 3110		SA301	STEAM TRAP WATER CONTROL VALVE CONVERTER-1	
ZT 3110		SA301	STEAM TRAP WATER CONTROL VALVE-1 POSITION	
UV 3111	TTWPCV-2	SA301	STEAM TRAP WATER CONTROL VALVE-2	
UC 3111		SA301	STEAM TRAP WATER CONTROL VALVE CONT-2	REMOTE STN 2
UY 3111		SA301	STEAM TRAP WATER CONTROL VALVE CONVERTER-2	
ZT 3111		SA301	STEAM TRAP WATER CONTROL VALVE-2 POSITION	
LT 3112	TFWL	SA301	FLASH TANK WATER LEVEL	
PI 3113	TFPG	SA301	FLASH TANK PRESS. GAGE	
PT 3114	TFSP	SA301	FLASH TANK STEAM PRESS.	
PSV 3115	TFSRV	SA301	FLASH TANK SAFETY VALVE	
TEX 3150	TDSIT-2	SA301	DESUPERHEATER STEAM INLET TEMP.-2	
PDX3151	TOSDP	SA301	DESUPERHEATER STEAM DIFFERENTIAL PRESS.	
PTX 3152	TFSOP	SA301	FLASH TANK STEAM OUTLET PRESS.	
TEX 3153	TFSOT	SA301	FLASH TANK STEAM OUTLET TEMP.	
PTX 3154	TFWOP	SA301	FLASH TANK WATER OUTLET PRESS.	
TEX 3155	TFWOT	SA301	FLASH TANK WATER OUTLET TEMP.	
PI 3201	THSPG-1	SA302	HEATER STEAM PRESS. GAGE-1	
PI 3202	THSPG-3	SA302	HEATER STEAM PRESS. GAGE-3	
PT 3203	THSIP-1	SA302	HEATER STEAM INLET PRESS.-1	
TE 3204	THSIT-1	SA302	HEATER STEAM INLET TEMP.-1	
FT 3205	THSFR-1	SA302	HEATER STEAM FLOW RATE-1	
FE 3205		SA302	HEATER STEAM FLOW ELEMENT	
ADV 3206	THSIV-1	SA302	HEATER STEAM INLET VALVE	
ZS 3206A		SA302	HEATER STEAM INLET VALVE POSITION	
ZS 3206B		SA302	HEATER STEAM INLET VALVE POSITION	
PCV 3207	THSWPK-1	SA302	HEATER STEAM WARMUP PRESS. REGULATOR-1	
PT 3208	THFP-1	SA302	HEATER HEAT TRANSFER FLUID PRESS.-1	
PT 3209	THSIP-1-3	SA302	HEATER STEAM INLET PRESS.-1-3	(R-CAL)
PT 3210A	THSIP-1-1	SA302	HEATER STEAM INLET PRESS.-1-1	
PT 3210B	THSIP-1-2	SA302	HEATER STEAM INLET PRESS.-1-2	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
FT 3211	THFFR-1	SA302	HEATER HEAT TRANSFER FLUID FLOW RATE-1	
PT 3211	THFIP-1	SA302	HEATER HEAT TRANSFER FLUID INLET PRESSURE-1	
TC 3211		SA302	HEATER HEAT TRANSFER FLUID TEMP CONTROLLER	REMOTE STN 3
FE 3211		SA302	HEATER HEAT TRANSFER FLUID FLOW ELEMENT	
PC 3211		SA302	HEATER HEAT TRANSFER FLUID PRESS CONTROLLER	REMOTE STN 3
TE 3211A	THFOT-1-1	SA302	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-1-1	
TE 3211B	THFOT-1-2	SA302	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-1-2	
TE 3212	THFOT-1-4	SA302	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-1-4	(RTD)
LT 3213	THFLC-1	SA302	HEATER HEAT TRANSFER FLUID LEVEL CONTROL-1	
TE 3214	THFIT-1	SA302	HEATER HEAT TRANSFER FLUID INLET TEMP.-1	
PI 3215	THFPG-1	SA302	HEATER HEAT TRANSFER FLUID PRESS. GAGE-1	
PT 3216	THSWP-1	SA302	HEATER STEAM WARMUP PRESS.-1	
TE 3217	THSWT-1	SA302	HEATER STEAM WARMUP TEMP.-1	
ADV 3218	THSNV-1	SA302	HEATER STEAM WARMUP VALVE-1	
ZS 3218A		SA302	HEATER STEAM WARMUP VALVE-1 POSITION	
ZS 3218B		SA302	HEATER STEAM WARMUP VALVE-1 POSITION	
LT 3219	TTWL-1	SA302	STEAM TRAP WATER LEVEL-1	
LC 3219		SA302	STEAM TRAP WATER LEVEL CONTROLLER	REMOTE STN 3
SOV 3220	TTSVV-1	SA302	STEAM TRAP STEAM VENT VALVE-1	
PSV 3221	THSRV-1	SA302	HEATER STEAM SAFETY VALVE-1	
PSV 3222	THFRV-1	SA302	HEATER HEAT TRANSFER FLUID SAFETY VALVE-1	
TEX 3250	THSIT-1-2	SA302	HEATER STEAM INLET TEMP.-1-2	
TEX 3251	THSOT-1	SA302	HEATER STEAM OUTLET TEMP.-1	
PTX 3252	THSOP-1	SA302	HEATER STEAM OUTLET PRESS.-1	
TEX 3253	THWOT-1	SA302	HEATER WATER OUTLET TEMP.-1	
TEX 3254	THFIT-1-2	SA302	HEATER HEAT TRANSFER FLUID INLET TEMP.-1-2	
PDIX3255	THFDP-1	SA302	HEATER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-1	
PI 3301	THSPG-2	SA303	HEATER STEAM PRESS. GAGE-2	
PI 3302	THSPG-4	SA303	HEATER STEAM PRESS. GAGE-4	
PT 3303	THSIP-2	SA303	HEATER STEAM INLET PRESS.-2	
TE 3304	THSIT-2	SA303	HEATER STEAM INLET TEMP.-2	
FT 3305	THSFR-2	SA303	HEATER STEAM FLOW RATE-2	
FE 3305		SA303	HEATER STEAM FLOW ELEMENT	
ADV 3306	THSIV-2	SA303	HEATER STEAM INLET VALVE-2	
ZS 3306A		SA303	HEATER STEAM INLET VALVE-2 POSITION	
ZS 3306B		SA303	HEATER STEAM INLET VALVE-2 POSITION	
PCV 3307	THSWPR-2	SA303	HEATER STEAM WARMUP PRESS. REGULATOR	
PT 3308	THFP-2	SA303	HEATER HEAT TRANSFER FLUID PRESSURE-2	
PT 3309	THSIP-2-3	SA303	HEATER STEAM INLET PRESS.-2-3	(IR-CAL)
PT 3310	THFIP-2	SA303	HEATER HEAT TRANSFER FLUID INLET PRESS.-2	
FT 3310	THFFR-2	SA303	HEATER HEAT TRANSFER FLUID FLOW RATE-2	
FE 3310		SA303	HEATER HEAT TRANSFER FLUID FLOW ELEMENT	
TC 3310		SA303	HEATER HEAT TRANSFER FLUID TEMP CONTROLLER	REMOTE STN 3
TE 3310A	THFOT-2-1	SA303	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-2-1	
TE 3310B	THFOT-2-2	SA303	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-2-2	
PC 3311		SA303	HEATER HEAT TRANSFER FLUID PRESS CONTROLLER	REMOTE STN 3
PT 3311A	THSIP-2-1	SA303	HEATER STEAM INLET PRESS.-2-1	
PT 3311B	THSIP-2-2	SA303	HEATER STEAM INLET PRESS.-2-2	
TE 3312	THFOT-2-4	SA303	HEATER HEAT TRANSFER FLUID OUTLET TEMP.-2-4	(RTD)
LT 3313	THFLC-2	SA303	HEATER HEAT TRANSFER FLUID LEVEL CONTROL-2	
TE 3314	THFIT-2	SA303	HEATER HEAT TRANSFER FLUID INLET TEMP.-2	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
PI 3315	THFPG-2	SA303	HEATER HEAT TRANSFER FLUID PRESS. GAGE-2	
PT 3316	THSWP-2	SA303	HEATER STEAM WARMUP PRESS.-2	
TE 3317	THSWT-2	SA303	HEATER STEAM WARMUP TEMP.-2	
ADV 3318	THSWV-2	SA303	HEATER STEAM WARMUP VALVE-2	
ZS 3318A		SA303	HEATER STEAM WARMUP VALVE-2 POSITION	
ZS 3318B		SA303	HEATER STEAM WARMUP VALVE-2 POSITION	
LT 3319	TTWL-2	SA303	STEAM TRAP WATER LEVEL-2	
LC 3319		SA303	STEAM TRAP WATER LEVEL CONTROLLER	REMOTE STN 3
SOV 3320	TTSVV-2	SA303	STEAM TRAP STEAM VENT VALVE-2	
PSV 3321	THSRV-2	SA303	HEATER STEAM SAFETY VALVE-2	
PSV 3322	THFRV-2	SA303	HEATER HEAT TRANSFER FLUID SAFETY VALVE-2	
TEX 3350	THSIT-2-2	SA303	HEATER STEAM INLET TEMP.-2-2	
TEX 3351	THSOT-2	SA303	HEATER OUTLET TEMP.-2	
PTX 3352	THSOP-2	SA303	HEATER STEAM OUTLET PRESS.-2	
TEX 3353	THWOT-2	SA303	HEATER WATER OUTLET TEMP.-2	
TEX 3354	THFIT-2-2	SA303	HEATER HEAT TRANSFER FLUID INLET TEMP.-2-2	
PCTX 3355	THFDP-2	SA303	HEATER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-2	
T+1				
PDT 3401	TFFDP-1	SA304	HEAT TRANSFER FLUID FILTER DIFF. PRESS.-1	
PDI 3402	TFFDPG-1	SA304	HEAT TRANSFER FLUID FILTER DIFF. PRESS. GAGE-1	
PDT 3403	TFFDP-2	SA304	HEAT TRANSFER FLUID FILTER DIFF. PRESS.-2	
PDI 3404	TFFDPG-2	SA304	HEAT TRANSFER FLUID FILTER DIFF. PRESS. GAGE-2	
PT 3405	TFCIP-1	SA304	CHARGING PUMP INLET PRESS.-1	
PT 3406	TFCIP-2	SA304	CHARGING PUMP INLET PRESS.-2	
PI 3407	TFCPPG-1	SA304	CHARGING PUMP DISCH. PRESS GAGE-1	
PI 3408	TFCPPG-2	SA304	CHARGING PUMP DISCH. PRESS GAGE-2	
ADV 3409	TFCPBV	SA304	CHARGING PUMP VALVE	
ZS 3409A		SA304	CHARGING PUMP VALVE POSITION	
ZS 3409B		SA304	CHARGING PUMP VALVE POSITION	
AYC 3410		SA304	HTR HEAT TRANS FLUID INLET VLV ENTHALPY COMP/CONT	REMOTE STN 3
SUZ 3410		SA304	HEATER HEAT TRANS FLUID PUMP VARIABLE DRIVE (P302)	
TV 3410	THFIV-2	SA304	HEATER HEAT TRANS. FLUID INLET VALVE-2	
FC 3410		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE FLOW CONT	REMOTE STN 3
TY 3410		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE CONVERTER	
TC 3410		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE TEMP CONT	REMOTE STN 3
ZT 3410		SA304	HEATER HEAT TRANSFER FLUID VALVE POSITION	
PC 3410		SA304	HEATER HEAT TRANSFER FLUID PUMP CONT (P302)	REMOTE STN 3
PY 3410		SA304	HEATER HEAT TRANS FLUID PUMP CONVERT (P302)	
SUZ 3411		SA304	HEATER HEAT TRANS FLUID PUMP VARIABLE DRIVE (P301)	
TV 3411	THFIV-1	SA304	HEATER HEAT TRANS. FLUID INLET VALVE-1	
FC 3411		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE FLOW CONT	REMOTE STN 3
TY 3411		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE CONVERTER	
TC 3411		SA304	HEATER HEAT TRANSFER FLUID INLET VALVE TEMP CONT	REMOTE STN 3
ZT 3411		SA304	HEATER HEAT TRANSFER FLUID VALVE POSITION	
PC 3411		SA304	HEATER HEAT TRANSFER FLUID PUMP CONT (P301)	REMOTE STN 3
PY 3411		SA304	HEATER HEAT TRANS FLUID PUMP CONVERT (P301)	
PTX 3450	TFCPOP-1	SA304	CHARGING PUMP OUTLET PRESS.-1	
PTX 3451	TFCPOP-2	SA304	CHARGING PUMP OUTLET PRESS.-2	
PI 3501	TPWPG-1	SA305	PREHEATER WATER PRESSURE GAGE-1	
PT 3502	TPWP-1	SA305	PREHEATER WATER PRESS.-1	
TE 3503	TPWT-1	SA305	PREHEATER WATER TEMP.-1	

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COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
FT 3504	TPWFR-1	SA305	PREHEATER WATER FLOW RATE-1	
FE 3504		SA305	PREHEATER WATER FLOW ELEMENT	
FC 3504		SA305	PREHEATER WATER FLOW CONTROLLER	REMOTE STN 2
LV 3505	TPWCV-1	SA305	PREHEATER WATER CHARGING VALVE-1	
LY 3505		SA305	PREHEATER WATER LEVEL CONTROL VALVE CONVERTER	
ZT 3505		SA305	PREHEATER WATER LEVEL CONTROL VALVE POSITION	
PSV 3506	TPFRV-1	SA305	PREHEATER HEAT TRANSFER FLUID SAFETY VALVE-1	
PTX 3550	TPWIP-1	SA305	PREHEATER WATER INLET PRESS.-1	
TEX 3551	TPFOT-1	SA305	PREHEATER HEAT TRANSFER FLUID OUTLET TEMP.-1	
PDTX3552	TPFDP-1	SA305	PREHEATER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-1	
PI 3601	TPWPG-2	SA306	PREHEATER WATER PRESS. GAGE-2	
PT 3602	TPWP-2	SA306	PREHEATER WATER PRESS.-2	
TE 3603	TPWT-2	SA306	PREHEATER WATER TEMP.-2	
FT 3604	TPWFR-2	SA306	PREHEATER WATER FLOW RATE-2	
FE 3604		SA306	PREHEATER WATER FLOW ELEMENT	
FC 3604		SA306	PREHEATER WATER FLOW CONTROLLER	REMOTE STN 2
LV 3605	TPWCV-2	SA306	PREHEATER WATER CHARGING VALVE-2	
LY 3605		SA306	PREHEATER WATER LEVEL CONTROL VALVE CONVERTER	
ZT 3605		SA306	PREHEATER WATER LEVEL CONTROL VALVE POSITION	
PSV 3606	TPFRV-2	SA306	PREHEATER HEAT TRANSFER FLUID SAFETY VALVE-2	
PTX 3650	TPWIP-2	SA306	PREHEATER WATER INLET PRESS.-2	
TEX 3651	TPFOT-2	SA306	PREHEATER HEAT TRANSFER FLUID OUTLET TEMP.-2	
PDTX3652	TPFDP-2	SA306	PREHEATER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-2	
PI 3701	TBFGP-1	SA307	BOILER HEAT TRANSFER FLUID PRESS. GAGE-1	
TV 3702	TBFVCV-1	SA307	BOILER HEAT TRANSFER FLUID TEMP CONTROL VALVE-1	
TC 3702		SA307	BOILER HT TR FLUID INLT VLVE TEMP CONT	REMOTE STN 2
TY 3702		SA307	BOILER HEAT TRANSFER FLUID INLET VALVE CONVERTER	
ZT 3702		SA307	BOILER HEAT TRANSFER FL. INLET VALVE POSITION	
EC 3702		SA307	BOILER HEAT TRANS. FL. INLET VALVE EPGS LOAD CONT	REMOTE STN 2
PT 3702A	TBSOP-1-1	SA307	BOILER STEAM OUTLET PRESS.-1-1	
PT 3702B	TBSOP-1-2	SA307	BOILER STEAM OUTLET PRESS.-1-2	
PT 3703	TBFIP-1	SA307	BOILER HEAT TRANSFER FLUID INLET PRESS.-1	
TE 3704	TBFIT-1	SA307	BOILER HEAT TRANSFER FLUID INLET TEMP.-1	
LT 3705	TBWL-1	SA307	BOILER WATER LEVEL-1	
LC 3705		SA307	BOILER WATER LEVEL CONTROLLER	REMOTE STN 2
FT 3706	TBFFR-1	SA307	BOILER HEAT TRANSFER FLUID FLOW RATE-1	
FE 3706		SA307	BOILER HEAT TRANSFER FLUID FLOW ELEMENT	
AOV 3707	TSSWV-1	SA307	SUPERHEATER STEAM WARMUP VALVE-1	
ZS 3707A		SA307	SUPERHEATER STEAM WARMUP VALVE-1 POSITION	
ZS 3707B		SA307	SUPERHEATER STEAM WARMUP VALVE-1 POSITION	
AOV 3708	TBWBLV-1	SA307	BOILER WATER BLEED VALVE-1	
ZS 3708A		SA307	BOILER WATER BLEED VALVE-1 POSITION	
ZS 3708B		SA307	BOILER WATER BLEED VALVE-1 POSITION	
PI 3709	TSFPG-1	SA307	SUPERHEATER HEAT TRANSFER FLUID PRESS. GAGE-1	
UV 3710	TSFTCV-1	SA307	SUPERHEATER HEAT TRANSFER FLUID CONTROL VALVE-1	
UC 3710		SA307	SUPERHTR HEAT TRANS FLUID INLET VALVE CONT	REMOTE STN 2
UY 3710		SA307	SUPERHTR HEAT TRANS FLUID INLET VALVE CONVERTER	
ZT 3710		SA307	SUPERHTR HEAT TRANSFER FL. INLET VALVE POSITION	
TE 3710A	TSSOT-1-1	SA307	SUPERHEATER STEAM OUTLET TEMP.-1-1	
TE 3710B	TSSOT-1-2	SA307	SUPERHEATER STEAM OUTLET TEMP.-1-2	

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 3711	TSFIT-1	SA307	SUPERHEATER HEAT TRANSFER FLUID INLET TEMP.-1	
FT 3712	TSFFR-1	SA307	SUPERHEATER HEAT TRANSFER FLUID FLOW RATE-1	
FE 3712		SA307	SUPERHEATER HEAT TRANSFER FLUID FLOW ELEMENT	
PT 3713	TSFIP-1	SA307	SUPERHEATER HEAT TRANSFER FLUID INLET PRESS.-1	
PT 3714	TSSOP-1	SA307	SUPERHEATER STEAM OUTLET PRESS.-1	
FT 3715	TSSFR-1	SA307	SUPERHEATER STEAM FLOW RATE-1	
FE 3715		SA307	SUPERHTR STEAM FLOW ELEMENT	
FC 3715		SA307	SUPERHTR STEAM FLOW CONTROLLER	REMOTE STN 2
AOV 3716	TSSBV-1	SA307	SUPERHEATER STEAM BYPASS VALVE-1	
ZS 3716A		SA307	SUPERHEATER STEAM BYPASS VALVE-1 POSITION	
ZS 3716B		SA307	SUPERHEATER STEAM BYPASS VALVE-1 POSITION	
AOV 3717	TSSOV-1	SA307	SUPERHEATER STEAM OUTLET VALVE-1	
ZS 3717A		SA307	SUPERHEATER STEAM OUTLET VALVE-1 POSITION	
ZS 3717B		SA307	SUPERHEATER STEAM OUTLET VALVE-1 POSITION	
PI 3718	TSSPG-1	SA307	SUPERHEATER STEAM PRESS. GAGE-1	
PSV 3719	TSSRV-1	SA307	BOILER STEAM SAFETY VALVE-1	
TEX 3750	TBFIT-1-2	SA307	BOILER HEAT TRANSFER FLUID INLET TEMP.-1-2	
PDTX3751	TBFDI-1	SA307	BOILER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-1	
TEX 3752	TBFOT-1	SA307	BOILER HEAT TRANSFER FLUID OUTLET TEMP.-1	
TEX 3753	TBSOT-1	SA307	BOILER STEAM OUTLET TEMP.-1	
TEX 3754	TPHOT-1	SA307	PREHEATER WATER OUTLET TEMP.-1	
TEX 3755	TSFOT-1	SA307	STEAM HEAT TRANSFER FLUID OUTLET TEMP.-1	
PDTX3756	TSFDP-1	SA307	STEAM HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-1	
PI 3801	TBFPG-2	SA308	BOILER HEAT TRANSFER FLUID PRESS. GAGE-2	
DYC 3802		SA308	BOILER HT TRANS. FL. INLT VLV. DENS COMP/CONT	REMOTE STN 2
TV 3802	TBFICV-2	SA308	BOILER HEAT TRANSFER FLUID FLOW CONTROL VALVE-2	
TC 3802		SA308	BOILER HEAT TRANSF. FLUID INLT-VALV TEMP CONT	REMOTE STN 2
TY 3802		SA308	BOILER HEAT TRANSF. FLUID INLET-VALVE CONVERTER	
ZT 3802		SA308	BOILER HEAT TRANS. FL. INLET VALVE POSITION	
EC 3802		SA308	BOILER HEAT TRANSFER FL. INLET VLV. EPGS LOAD CONT	REMOTE STN 2
PT 3802A	TBSOP-2-1	SA308	BOILER STEAM OUTLET PRESS.-2-1	
PT 3802B	TBSOP-2-2	SA308	BOILER STEAM OUTLET PRESS.-2-2	
PT 3803	TBFIP-2	SA308	BOILER HEAT TRANSFER FLUID INLET PRESS.-2	
TE 3804	TBFIT-2	SA308	BOILER HEAT TRANSFER FLUID INLET TEMP.-2	
LT 3805	TBWL-2	SA308	BOILER WATER LEVEL-2	
LC 3805		SA308	BOILER WATER LEVEL CONTROLLER	REMOTE STN 2
FT 3806	TBFFR-2	SA308	BOILER HEAT TRANSFER FLUID FLOW RATE-2	REMOTE STN 3
FE 3806		SA308	BOILER HEAT TRANSF. FLUID FLOW ELEMENT	
AOV 3807	TSSWV-2	SA308	SUPERHEATER STEAM WARMUP VALVE-2	
ZS 3807A		SA308	SUPERHEATER STEAM WARMUP VALVE-2 POSITION	
ZS 3807B		SA308	SUPERHEATER STEAM WARMUP VALVE-2 POSITION	
AOV 3808	TBWBLV-2	SA308	BOILER WATER BLEED VALVE-2	
ZS 3808A		SA308	BOILER WATER BLEED VALVE-2 POSITION	
ZS 3808B		SA308	BOILER WATER BLEED VALVE-2 POSITION	
PI 3809	TSFPG-2	SA308	SUPERHEATER HEAT TRANSFER FLUID PRESS. GAGE-2	
UV 3810	TSFICV-2	SA308	SUPERHEATER HEAT TRANSFER FLUID CONTROL VALVE-2	
UC 3810		SA308	SUPERHTR HEAT TRANSF. FLUID INLET VALVE CONT	REMOTE STN 2
UY 3810		SA308	SUPERHTR HEAT TRANSF. FLUID INLET VALVE CONVERTER	
ZT 3810		SA308	SUPERHTR HEAT TRANSFER FL. INLET VALVE POSITION	
TE 3810A	TSSOT-2-1	SA308	SUPERHEATER STEAM OUTLET TEMPERATURE-2-1	
TC 3810B	TSSOT-2-2	SA308	SUPERHEATER STEAM OUTLET TEMPERATURE-2-2	

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1960

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
TE 3811	TSFIT-2	SA308	SUPERHEATER HEAT TRANSFER FLUID INLET TEMP.-2	
FT 3812	TSFFR-2	SA308	SUPERHEATER HEAT TRANSFER FLUID FLOW RATE-2	
FE 3812		SA308	SUPERHTR HEAT TRANSFER FLUID FLOW ELEMENT	
PT 3813	TSFIP-2	SA308	SUPERHEATER HEAT TRANSFER FLUID INLET PRESS.-2	
PT 3814	TSSOP-2	SA308	SUPERHEATER STEAM OUTLET PRESS.-2	
FT 3815	TSSFR-2	SA308	SUPERHEATER STEAM FLOW RATE-2	
FE 3815		SA308	SUPERHTR STEAM FLOW ELEMENT	
FC 3815		SA308	SUPERHTR STEAM FLOW CONTROLLER	REMOTE STN 2
ADV 3816	TSSBV-2	SA308	SUPERHEATER STEAM BYPASS VALVE-2	
ZS 3816A		SA308	SUPERHEATER STEAM BYPASS VALVE-2 POSITION	
ZS 3816B		SA308	SUPERHEATER STEAM BYPASS VALVE-2 POSITION	
ADV 3817	TSSOV-2	SA308	SUPERHEATER STEAM OUTLET VALVE-2	
ZS 3817A		SA308	SUPERHEATER STEAM OUTLET VALVE-2 POSITION	
ZS 3817B		SA308	SUPERHEATER STEAM OUTLET VALVE-2 POSITION	
PI 3818	TSSPG-2	SA308	SUPERHEATER STEAM PRESS. GAGE-2	
PSV 3819	TSSRV-2	SA308	BOILER STEAM SAFETY VALVE	
TLX 3850	TbFIT-2-2	SA308	BOILER HEAT TRANSFER FLUID INLET TEMP.-2-2	
PDTX 3851	TbFDP-2	SA308	BOILER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-2	
TEX 3852	TbFOT-2	SA308	BOILER HEAT TRANSFER FLUID OUTLET TEMP.-2	
TEX 3853	TbSOT-2	SA308	BOILER STEAM OUTLET TEMP.-2	
TEX 3854	TPWOT-2	SA308	PREHEATER WATER OUTLET TEMP.-2	
TEX 3855	TSFOT-2	SA308	SUPERHEATER HEAT TRANSFER FLUID OUTLET TEMP.-2	
PDTX 3856	TSFDP-2	SA308	SUPERHEATER HEAT TRANSFER FLUID DIFFERENTIAL PRESS.-2	
PI 3901	TFEPPG-1	SA309	EXTRACTION PUMP DISCH. PRESS. GAGE-1	
PI 3902	TFEPPG-2	SA309	EXTRACTION PUMP DISCH. PRESS. GAGE-2	
PDC 3903		SA309	HEAT TRANSFER FLUID VALVE DP CONTROLLER (P303)	REMOTE STN 3
SUZ 3903		SA309	HEAT TRANSFER FLUID PUMP VARIABLE DRIVE (P303)	
PT 3903	TFEIP-1	SA309	EXTRACTION PUMP INLET PRESS.-1	
PC 3903		SA309	HEAT TRANSFER FLUID PUMP SPEED CONTROLLER (P303)	REMOTE STN 3
PY 3903		SA309	HEAT TRANSFER FLUID PUMP SPEED CONVERTER (P303)	
SUZ 3904		SA309	HEAT TRANSFER FLUID PUMP VARIABLE DRIVE (P304)	
PT 3904	TFEIP-2	SA309	EXTRACTION PUMP INLET PRESS.-2	
PC 3904		SA309	HEAT TRANSFER FLUID PUMP CONTROLLER (P304)	REMOTE STN 3
PY 3904		SA309	HEAT TRANSFER FLUID PUMP CONVERTER (P304)	
ADV 3905	TFEPBV-1	SA309	EXTRACTION PUMP CROSS OVER VALVE-1	
ZS 3905A		SA309	EXTRACTION PUMP CROSS OVER VALVE-1 POSITION	
ZS 3905B		SA309	EXTRACTION PUMP CROSS OVER VALVE-1 POSITION	
ADV 3906	TFEPBV-2	SA309	EXTRACTION PUMP CROSS OVER VALVE-2	
ZS 3906A		SA309	EXTRACTION PUMP CROSS OVER VALVE POSITION	
ZS 3906B		SA309	EXTRACTION PUMP CROSS OVER VALVE POSITION	
ADV 3907	TFAV	SA309	AUX. EXTRACTION FLUID INLET VALVE	
ZS 3907A		SA309	AUX. EXTRACTION FLUID INLET VALVE POSITION	
ZS 3907B		SA309	AUX. EXTRACTION FLUID INLET VALVE POSITION	
PT 3908	TFAIP	SA309	AUX. EXTRACTION FLUID INLET PRESS.	
PI 3909	TFAPPG	SA309	AUX. EXTRACTION FLUID PUMP DISCH. PRESS. GAGE	
TV 3910	TFAPCV	SA309	AUX. EXTRACTION FLUID CONTROL VALVE	
TY 3910		SA309	AUX. EXTRACTION FLUID VALVE CONVERTER	
TC 3910A		SA309	AUX. EXTRACTION FLUID VALVE TEMP CONTROLLER (A)	REMOTE STN 3
TC 3910B		SA309	AUX. EXTRACTION FLUID VALVE TEMP CONTROLLER (B)	REMOTE STN 3
ZT 3910		SA309	AUX. EXTRACTION FLUID VALVE TEMP	REMOTE STN 3
PT 3911	TFAOP	SA309	AUX. EXTRACTION FLUID OUTLET PRESS.	

TAG NUMBER ASSIGNMENT LIST

UPDATED 3 JANUARY 1980

COMPONENT DESIGNATION	PREVIOUS DESIGNATION	LOCATION	FUNCTION	REMARKS
PC 3911		SA309	AUX. EXTRACTION FLUID VALVE PRESS CONTROLLER	
TE 3912	TFAOT	SA309	AUX. EXTRACTION FLUID OUTLET TEMP.	
FT 3913	TFAFR	SA309	AUX. EXTRACTION FLUID FLOW RATE	
FE 3913		SA309	AUX. EXTRACTION FLUID FLOW ELEMENT	
FC 3913		SA309	AUX. EXTRACTION FLUID VALVE FLOW CONTROLLER	
PTX 3950	TFEOP-1	SA309	EXTRACTION PUMP OUTLET PRESS.-1	
PTX 3951	TFEOP-2	SA309	EXTRACTION PUMP OUTLET PRESS.-2	
PTX 3952	TSFIP-1	SA309/7	SUPERHEATER HEAT TRANSFER FLUID INLET PRESS.-1	BETWEEN SKIDS
TEX 3953	TSFIT-1	SA309/7	SUPERHEATER HEAT TRANSFER FLUID INLET TEMP.-1	BETWEEN SKIDS
PTX 3954	TSFIP-2	SA309/8	SUPERHEATER HEAT TRANSFER FLUID INLET PRESS.-2	BETWEEN SKIDS
TEX 3955	TSFIT-2	SA309/8	SUPERHEATER HEAT TRANSFER FLUID INLET TEMP.-2	BETWEEN SKIDS
PS 4001	DNPS	SA311	ULLAGE NITROGEN PRESS. SWITCH	
PCV 4002	UNPR-1	SA311	ULLAGE NITROGEN PRESS. REGULATOR-1	
PI 4003	UNPG-1	SA311	ULLAGE NITROGEN PRESS. GAGE-1	
PCV 4004	UNPR-2	SA311	ULLAGE NITROGEN PRESS. REGULATOR-2	
PI 4005	UNPG-2	SA311	ULLAGE NITROGEN PRESS. GAGE-2	
PCV 4006	UNPR-3	SA311	ULLAGE NITROGEN PRESS. REGULATOR-3	
PI 4007	UGPG-1	SA311	ULLAGE GAS PRESS. GAGE-1	
PT 4008	UGPT	TSU	ULLAGE GAS PRESS. TRANSMITTER	
AT 4009	UGM	TSU	ULLAGE GAS MONITOR (OXYGEN)	
PS 4010	UGPS-1	TSU	ULLAGE GAS PRESS. SWITCH-1	
PS 4011	UGPS-2	TSU	ULLAGE GAS PRESS. SWITCH-2	
MT 4012	UWSR	TSU	ULLAGE WATER SENSOR	
PI 4013	UGPG-2	TSU	ULLAGE GAS PRESS. GAGE-2	
PCV 4014	UGPCV	TSU	ULLAGE PRESS. CONTROL VALVE	
ADV 4015	UGVV-2	SA311	ULLAGE GAS VENT VALVE-2	
ZS 4015A		SA311	ULLAGE GAS VENT VALVE-2 POSITION	
ZS 4015B		SA311	ULLAGE GAS VENT VALVE-2 POSITION	
ADV 4016	UGVV-1	TSU	ULLAGE GAS VENT VALVE-1	
ZS 4016A		TSU	ULLAGE GAS VENT VALVE-1 POSITION	
ZS 4016B		TSU	ULLAGE GAS VENT VALVE-1 POSITION	
PSV 4017	UNRV	SA311	ULLAGE NITROGEN RELIEF VALVE	
PSV 4018	UGRV-1	TSU	ULLAGE GAS RELIEF VALVE-1	
PSV 4019	UGRV-2	TSU	ULLAGE GAS RELIEF VALVE-2	
LG 4020	USCL	SA311	ULLAGE STORAGE TANK LEVEL GAGE	
PTX 4050	UNIP	SA311	ULLAGE NITROGEN INLET PRESS.	
TEX 4051	UNT	SA311	ULLAGE NITROGEN TEMP.	
PTX 4052	UNP	SA311	ULLAGE NITROGEN PRESS.	
FTX 4053	UNFR	SA311	ULLAGE NITROGEN FLOW RATE	
FEX 4053		SA311	ULLAGE NITROGEN FLOW ELEMENT	

Stearns-Roger

NOMENCLATURE LIST

P26-1

DOE NO. 40P2002133104

ORDER NO. C-21700

CUSTOMER

DEPARTMENT OF ENERGY
10MWe SOLAR PILOT PLANT
DAGGETT CALIFORNIA

* REVISION NO.	△	△	△	△	△	△	△	△	△	△	△
ISSUE DATE											
FOR											
MDAC											
ROCKETDYNE											
SCE											
STMPO											

* PRELIMINARY  12-28-79

NOMENCLATURE LIST

P26-1

for

SOLAR 1

McDONNELL DOUGLAS ASTRONAUTICS CO.

Prepared by:

Stearns-Roger
ENGINEERING CORP.

PROJECT NO. C-21700

McDonnell Douglas Astronautics Co.

SOLAR I

Stearns-Roger, Inc. Job No. C-21700

Nomenclature List Summary Sheet

1. Area

This is the System identification per Department of Energy document number STMPO -A1

(Not Required) - 100

Receiver Subsystem - 200

Thermal Storage Subsystem - 300

Master Control Subsystem - 400

Collector Subsystem - 500

Beam Characterization Subsystem - 600

Plant Support Subsystem - 700

(Not Required) - 800

Electric Power Generation Subsystem (TGF) - 900

2. File Index Number

The File Index shall be assigned according to S-R STD FJ.00.1 for equipment to be specified by S-R. (i.e., 0.46.1 Receiver Feed Pumps, etc.) The File Index will reference the CE File area under which documentation can be located. SCE or other SFDI members can list their applicable file number in this space if desired.

3. Nomenclature

Description of items per project terminology - If any abbreviation is to be used it will appear in () after the description.

4. Quantity

Number of items required.

5. Tag Number

Equipment will be assigned an Alpha-Numerical tag number identifying the type of equipment, subsystem identification code, and its individual number. (i.e. P-905 = 5th Pump in EPGS Area)

Alpha codes are as follows:

AG - Agitator
 B - Boiler
 BL - Buildings and Structures
 CF - Chemical Feeder
 CL - Chlorinator
 CP - Compressor
 CR - Cooling Equipment (Cooling Towers, After-Coolers & Evaporative
 Coolers, Lube Oil Cooler)
 DE - Demineralizer Equipment
 DA - Deaerator
 DR - Dryer
 DS - Desuperheater
 E - Exchanger
 F - Filter
 FA - Fans
 H - Heater
 HC - Heliostat Area Controller
 HE - Heliostat
 HS - Hoist
 IO - Ion Exchange Equipment
 MC - Motor Control Center
 MT - Moisture Trap
 P - Pump
 PR - Purifier
 RB - Receiver Boiler
 RO - Deleted
 RP - Receiver Panel
 S - Sample Panel
 SA - Skid
 SE - Separator
 SF - Softener
 SP - Sewage Treatment Equipment
 TG - Turbine Generator
 TK - Tanks
 TR - Transformer
 V - Vessel
 VP - Vaporizer

NOTE: Should a piece of equipment be deleted this tag number will be voided. Any new equipment added will be assigned the next sequence number in its subsystem category.

6. Furnished By:

Purchasing responsibility shall be listed. The design specifications responsibility will be shown in parenthesis () if different than the purchaser. ABBREVIATIONS: S-R = Stearns-Roger, R = Rocketdyne, SCE = Southern California Edison, GFE = Government Furnished Equipment
 CONT = Contractor, MMC = Martin Marietta Corp.

7. SPEC/Contract No.

The applicable Spec or Contract number will be listed when available.

DIVISION USAGE						Stearns-Roger INCORPORATED ENGINEERING STANDARD	STANDARD NUMBER
MM	P	PP	SH	FI	SP		FJ00.1
	X						
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UNIT'S NAME AND NUMBER SOLAR 1, C-21700

AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
200 (RS)		RECEIVER CORE SUPPORT STRUCTURE	1	BL-201	CONT (R)	CONST PKG 5A
		RECEIVER PREHEATER PANELS	6	RP-201,202 203,222 223,224	GFE (R)	
		RECEIVER BOILER PANELS	18	RB-204,205, 206,207 208,209 210,211 212,213 214,215 216,217 218,219 220,221	GFE (R)	
		DELETED		MT-201		
		RECEIVER FLASH TANK	1	V-201	GFE (R)	

DIVISION USAGE						Stearns-Roger <small>INCORPORATED</small> ENGINEERING STANDARD	STANDARD NUMBER	
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AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.		
300 (TSS)		DELETED		CP-301				
		THERMAL STORAGE DESUPERHEATER	1	DS-301	See SA-301			
		THERMAL STORAGE CONDENSERS	2	E-301,302	SEE SA-302,303			
		STEAM GENERATION PREHEATERS	2	E-303,304	SEE SA-305, 306			
		STEAM GENERATION KETTLE BOILERS	2	E-305,306	SEE SA-307,308			
		STEAM GENERATION SUPERHEATERS	2	E-307,308	SEE SA-307,308			
		DELETED		E-309,310				
		THERMAL STORAGE SUBCOOLERS	(2)	E-311,312	SEE SA-302,303			
		ULLAGE BLOWER	1	FA-301	GFE (R)			
		DELETED		F-301,302				
		CHARGING OIL PUMPS	2	P-301,302	SEE SA-304			
		EXTRACTION OIL PUMPS	2	P-303,304	SEE SA-309			
		AUXILIARY EXTRACTION OIL PUMP	1	P-305	SEE SA-309			
		FLUID MAKE UP PUMP	1	P-306	CONT (S-R)	CONST	PKG 9	
		FLASH TANK DRAIN PUMP	1	P-307	CONT (S-R)	CONST	PKG 9	
		ULLAGE PUMP	1	P-308	GFE (R)			

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UNIT'S NAME AND NUMBER SOLAR 1, C-21700

AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
300 (TSS)		THERMAL STORAGE DESUPERHEATER & FLASH TANK SKID	1	SA-301	GFE (R)	
		THERMAL STORAGE DESUPERHEATER	1	DS-301		
		THERMAL STORAGE FLASH TANK	1	V-304		
		THERMAL STORAGE HEATER SKID ASS'Y	2	SA-302,303	GFE (R)	
		THERMAL STORAGE CONDENSERS	2	E-301,302		
		THERMAL STORAGE SUBCOOLERS	2	E-311,312		
		HEATER DRAIN TANK	2	V-305, 306		
		CHARGING OIL PUMP SKID	1	SA-304	GFE (R)	
		DELETED CHARGING OIL PUMPS	2	F-301,302 P-301,302		
		PREHEATER SKID ASS'Y	2	SA-305,306	GFE (R)	
		STEAM GENERATION PREHEATERS	2	E303,304		
		BOILER & SUPERHEATER SKID ASS'Y	2	SA-307,308	GFE (R)	
		STEAM GENERATION KETTLE BOILERS	2	E-305,306		
		STEAM GENERATION SUPERHEATERS	2	E-307,308		
		EXTRACTION PUMP SKID ASS'Y	1	SA-309	GFE (R)	
		EXTRACTION OIL PUMPS	2	P-303, 304		
		AUXILIARY EXTRACTION OIL PUMP	1	P-305		

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AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
700 (PSS)		ADMINISTRATION BUILDING	1	BL-701	SCE	
		RAW/SERVICE WATER PUMP BUILDING	1	BL-702	CONT (S-R)	CONST PKG 5
		WAREHOUSE	1	BL-703	CONT (S-R)	CONST PKG 3
		GUARD HOUSE	1	BL-704	SCE	
		PIPE RACK	1	BL-705	CONT (S-R)	CONST PKG 5
		SECONDARY FIRE PUMP BUILDING	1	BL-706	CONT (S-R)	CONST PKG 5
		RECEIVER SUPPORT TOWER	1	BL-707	CONT (S-R)	CONST PKG 5A
		RECEIVER TOWER ELECTRONIC ROOM	2	BL-708 A & B	CONT (S-R)	CONST PKG 9
		THERMAL STORAGE CONTROL BUILDINGS	2	BL-709,710	CONT (S-R)	CONST PKG 5
		DELETED		BL-711		
		THERMAL STORAGE ELECTRICAL EQUIPMENT BUILDING	1	BL-712	CONT (S-R)	CONST PKG 5
		DELETED		CP-701,702		
		DELETED		CR-701,702		
		DELETED		CR-707		
		HVAC COOLERS			CONT (S-R)	CONST PKG 9
	WAREHOUSE	2	CR-705, 706			
	RECEIVER TOWER	2	CR-708, 709			
	ELECTRONIC ROOM					
	THERMAL STORAGE CONTROL BUILDINGS	2	CR-710, 711			
	THERMAL STORAGE ELECTRICAL EQUIP. BUILDING	1	CR-712			

DIVISION USAGE						Stearns-Roger <small>INCORPORATED</small> ENGINEERING STANDARD	STANDARD NUMBER	
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UNIT'S NAME AND NUMBER						SOLAR 1, C-21700		
AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.		
700 (PSS)		MAKEUP PACKAGE DEMINERALIZER (MOBIL UNIT)	1	D-701	GFE (S-R)	DOE RENTAL		
		DELETED		DR-701,702				
		DELETED		F-701,702				
		DELETED		F-703,704				
		RECEIVER TOWER PERSONNEL HOIST	1	HS-701	CONT (S-R)	CONST PKG 5A		
		DELETED		IO-701				
		MOTOR CONTROL CENTERS	2	MC-B, C	CONT (S-R)	CONST PKG 11		
		DELETED		P701,702				
		RAW/SERVICE WATER PUMPS	2	P-703,704	CONT (S-R)	CONST PKG 9		
		PRIMARY ELECTRIC FIRE PUMP	1	P-705	GFE (S-R)	CONST PKG 9		
		SECONDARY DIESEL FIRE PUMP	1	P-706	GFE (S-R)	CONST PKG 9		
		FIRE MAINTENANCE JOCKEY PUMP	1	P-707	GFE (S-R)	CONST PKG 9		
		DELETED		P-708,709				
		DEMINERALIZED WATER TRANSFER PUMP	1	P-710	CONT (S-R)	CONST PKG 9		
		SEPARATOR WASTE WATER PUMPS	2	P-711,712	CONT (S-R)	CONST PKG 9		
		DELETED		P-713				
		OIL SUMP PUMP	1	P-714	CONT (S-R)	CONST PKG 9		

DIVISION USAGE						Stearns-Roger INCORPORATED ENGINEERING STANDARD	STANDARD NUMBER
MM	P	PP	SH	FI	SP		FJ00.1
	X						
APPROVALS						NOMENCLATURE LIST	PAGE 9 of 13
Des. Sect. _____							ISSUED 5/16/79 REVISED
Sect. Supv. _____							
Div. _____							

UNIT'S NAME AND NUMBER SOLAR 1, C-21700

AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
900 (EPGS)		DEMINERALIZER AGITATOR	1	AG-901	SCE	
		AUXILIARY BOILER	1	B-901	SCE	
		ELECTRIC POWER GENERATION SUBSYSTEM BUILDING	1	BL-901	SCE	
		CHEMICAL FEEDER	1	CF-901	SCE	
		INSTRUMENT & SERVICE AIR COMPRESSORS	2	CP-901, 902	SCE	
		COOLING TOWER (2 CELLS)	1	CR-901	SCE	
		INSTRUMENT AIR AFTERCOOLERS	2	CR-902, 903	SCE	
		SAMPLE CHILLER UNIT	1	CR-907	SCE	
		DEAERATOR (3RD POINT HEATER)	1	DA-901	SCE	
		INSTRUMENT AIR DRYERS	2	DR-901, 902	SCE	
		MAIN STEAM DUMP DESUPERHEATER	1	DS-901	CONT(S-R)	CONST PKG 9
		AUXILIARY STEAM DESUPERHEATER	1	DS-902	CONT(S-R)	CONST PKG 9
		CONDENSER	1	E-901	SCE	
		HIGH PRESSURE HEATERS (1ST & 2ND POINT)	2	E-902, 903	SCE	
	LOW PRESSURE HEATER (4TH POINT)	1	E-904	SCE		

DIVISION USAGE						Stearns-Roger INCORPORATED ENGINEERING STANDARD	STANDARD NUMBER
MM	P	PP	SH	FI	SP		FJ00.1
APPROVALS						NOMENCLATURE LIST	PAGE 10 of 13
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Div. _____							

UNIT'S NAME AND NUMBER SOLAR 1, C-21700

AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
900 (EPGS)		COOLING WATER HEAT EXCHANGER	1	E-905	SCE	
		DELETED		E-906, 907		
		TURBINE LUBE OIL COOLERS	2	E-908,909	SCE	
		ELEVATOR	1	EL-901	SCE	
		INSTRUMENT AIR AFTERFILTERS	2	F-901, 902	SCE	
		INSTRUMENT AIR PREFILTERS	2	F-903, 904	SCE	
		COOLING TOWER FANS	2	FA-901,902	SCE	
		DEMINERALIZER HEATERS	2	H-901, 902	SCE	
		COOLING WATER PUMPS	2	P-901,902	SCE	
		THERMAL STORAGE FEEDWATER PUMP	1	P-903	SCE	
		AUX. BOILER/TSS FEEDWATER PUMP	1	P-904	SCE	
		CIRCULATING WATER PUMP	1	P-905	SCE	
		CONDENSATE HOTWELL PUMP	1	P-907	SCE	
		AUX. CIRCULATING WATER PUMP	1	P-909	SCE	
		CONDENSER VACUUM PUMPS	2	P-910,911	SCE	
		COOLING TOWER ACID PUMP	1	P-912	SCE	
		DELETED		P-913,914 915		

DIVISION USAGE						Stearns-Roger <small>INCORPORATED</small> ENGINEERING STANDARD	STANDARD NUMBER	
MM	P	PP	SH	FI	SP		FJ00.1	
	X							
APPROVALS Des. Sect. _____ Sect. Supv. _____ Div. _____						NOMENCLATURE LIST		PAGE 11 of 13
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UNIT'S NAME AND NUMBER						SOLAR 1, C-21700		
AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.		
900 (EPGS)		TURBINE LUBE OIL TRANSFER PUMP	1	P-916	SCE			
		RECEIVER FEEDWATER PUMP	1	P-917	GFE (S-R)	SPEC PKG 1		
		CAUSTIC FEED PUMPS	2	P-919,920	SCE			
		C.T. DUPLEX CHEMICAL FEED PUMP	1	P-923	SCE			
		DELETED		P-924				
		SAMPLE CHILLER CIRCULATING PUMP	1	P-925	SCE			
		TURBINE LUBE OIL PUMP	1	P-926	SCE			
		TURBINE LUBE OIL AUXILIARY PUMP (AC)	1	P-927	SCE			
		TURBINE LUBE OIL EMERGENCY PUMP (DC)	1	P-928	SCE			
		SODIUM HYPOCHLORITE PUMP	1	P-930	SCE			
		ACID FEED PUMPS	2	P-931,932	SCE			
		HYDRAZINE FEED PUMP	1	P-933	SCE			
		AMMONIA FEED PUMP	1	P-934	SCE			
		ACID TRANSFER PUMP	1	P-935	SCE			
		POLISHING DEMIN. SUMP PUMPS	2	P-936,937	SCE			
		TURBINE CONTROL OIL PUMP	1	P-938	SCE			
	TURBINE LUBE OIL PURIFIER	1	PR-901	SCE				

DIVISION USAGE						Stearns-Roger INCORPORATED ENGINEERING STANDARD	STANDARD NUMBER
MM	P	PP	SH	FI	SP		FJ00.1
	X						
APPROVALS						NOMENCLATURE LIST	PAGE 12 of 13
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Sect. Supv. _____							REVISED
Div. _____							

UNIT'S NAME AND NUMBER SOLAR 1, C-21700

AREA	FILE INDEX	NOMENCLATURE	QTY	TAG NO.	FURN. BY	SPEC/CONTR NO.
900 (EPGS)		SEWAGE TREATMENT PLANT PACKAGE	1	SP-901	SCE	
		STEAM TURBINE GENERATOR & ACCESSORIES	1	TG-901	SCE	
		COOLING WATER SURGE TANK	1	TK-901	SCE	
		CONDENSATE STORAGE TANK	1	TK-902	SCE	
		COOLING TOWER ACID TANK	1	TK-904	SCE	
		CHEMICAL DAY FEED TANK	1	TK-905	SCE	
		TURBINE LUBE OIL RESERVOIR	1	TK-906	SCE	
		CHEMICAL DAY FEED TANK	1	TK-907	SCE	
		ACID DAY TANK	1	TK-908	SCE	
		CAUSTIC DAY TANK	1	TK-909	SCE	
		NEW TURBINE LUBE OIL STORAGE TANK	1	TK-911	SCE	
		USED TURBINE LUBE OIL STORAGE TANK	1	TK-912	SCE	
		HYDRAZINE TANK	1	TK-913	SCE	
		AMMONIA TANK	1	TK-914	SCE	
		CONDENSATE POLISHER ACID STORAGE TANK	1	TK-915	SCE	
		SODIUM HYPOCHLORITE STORAGE TANK	1	TK-922	SCE	
		CONTROL OIL RESERVOIR	1	TK-923	SCE	

SHEETS	REVISION LEVEL (SYSTEM)	SERVICE ABBREVIATIONS	SERVICE	SHEETS	REVISION LEVEL (SYSTEM)	SERVICE ABBREVIATIONS	SERVICE
N/A	—	AC	ACID CLEANING	(LATER)	—	MM	MISCELLANEOUS
2		AS	AUXILIARY STEAM	2		MS	MAIN STEAM
2		BD	BLOW DOWN	1		N	NITROGEN
N/A	—	BO	BLOW OUT	1		NA	INSTRUMENT AIR
N/A	—	BW	BEARING COOLING WATER	1		OW	OILY WATER DRAINS
N/A	—	CD	CO ₂	(LATER)	—	RD	ROOF DRAINS
N/A	—	CF	CONDENSATE CYCLE FLUSH	1		RW	RAW WATER
(LATER)	—	CH	CHEMICAL	1		SA	SERVICE AIR
3		CO	CONDENSATE	(LATER)	—	SP	SPECIAL
N/A	—	CW	CIRCULATING WATER	N/A	—	SS	SANITARY SEWER
(LATER)	—	DL	DRAINS TO DAYLIGHT	3		ST	STEAM (INCL. TRAPS)
N/A	—	DM	DOMESTIC WATER	2		SW	SERVICE WATER
1		DO	DIESEL OIL	3		TO	THERMAL OIL
1		DR	PLANT DRAINS	N/A	—	TW	TREATED WATER
1		DW	DEMINERALIZED WATER	1		UG	ULLAGE GAS
1		ED	EQUIPMENT DRAINS	3		VT	VENTS (INCL. RELIEF VLVS.)
(LATER)	—	EW	EQUIPMENT COOLING WATER	1		WD	WASTE DRAINS
2		FP	FIRE PROTECTION	N/A	—	XW	CHILLED WATER
4		FW	FEED WATER				
N/A	—	HC	HEATING CONDENSATE				
N/A	—	HS	HEATING STEAM				
1		HP	HEPTANE				
N/A	—	HY	HYDROGEN				
N/A	—	LO	LUBE OIL				
				REV	DATE	APPROVED	APPROVED
						DRAWN	KEN 5-30-79
						CHECKED	
						APPROVED	
						APPROVED	
						Stearns-Roger	ORDER NO. C-21100
						LINE SCHEDULE INDEX	DWG NO. 2033/A
							SHEET NO. PI-2

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	OF		PSIG	OF		PIPING SYSTEM	DIAG.		
CO-201-	3"	SEPARATOR DRUM MANIFOLD	ST-203									767	R	
CO-205-QEB	3", 2"	MS-204, MS-205 & MS-206	SEPARATOR MANIFOLD									764 767	R	
CO-208-QEB	3", 2"	MS-207, MS-208 & MS-209	SEPARATOR MANIFOLD									764 767	R	
CO-211-QEB	3", 2"	MS-210, MS-211 & MS-212	SEPARATOR MANIFOLD									765 767	R	
CO-214-QEB	3", 2"	MS-213, MS-214 & MS-215	SEPARATOR MANIFOLD									765 767	R	
CO-217-QEB	3", 2"	MS-216, MS-217 & MS-218	SEPARATOR MANIFOLD									766 767		
CO-220-QEB	3", 2"	MS-219, MS-220 & MS-221	SEPARATOR MANIFOLD									766 767		
				REV.	DATE	APPROVED	APPROVED	DRAWN PV 12-27-73 CHECKED APPROVED APPROVED		Stearns-Roger INCORPORATED LINE SCHEDULE R CONDENSATE (CO)				ORDER NO. C-21700 DWG. NO. 9033/4 SHEET NO. P1-2

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LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
FW-200-MBA	4"	FW-2	FW-201, FW-202, FW-203									763	R	
FW-201-MBA	2½"	FW-200	RP-201									763	R	
FW-202-MBA	2½"	FW-2	RP-202									763	R	
FW-203-MBA	2½"	FW-2	RP-203									763	R	
FW-204-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-204									763	R	
FW-205-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-205									763	R	
FW-206-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-206									763	R	
FW-207-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-207									763	R	
FW-208-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-208									763	R	
FW-209-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-209									763	R	
FW-210-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-210									763	R	
FW-211-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-211									763	R	
FW-212-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-212									763	R	
FW-213-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-213									763	R	
FW-214-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-214									763	R	
FW-215-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-215									763	R	
FW-216-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-216									763	R	
FW-217-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-217									763	R	
FW-218-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-218									763	R	
FW-219-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-219									763	R	
FW-220-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-220									763	R	
FW-221-MBA	1"	RING FEEDWATER MANIFOLD	BOILER PANEL RB-221									763	R	
FW-222-MBA	3", 2½", 1½"	RP-201	RP-222									763	R	
	¾", ½"											763	R	

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REV.	DATE	APPROVED	APPROVED	DRAWN	PV	12-27-79	Stearns-Roger INCORPORATED LINE SCHEDULE R FEEDWATER (FW)	ORDER NO.	C-21700
				CHECKED				DWG. NO.	9033/4
				APPROVED				SHEET NO.	PI-2

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LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
FP-1 -CBC	8"	PRIMARY ELEC. FIRE PUMP	FP-2 (PRIM. UNDERGRD. DIST. HDR.)								155 & 156	148	S-R	
FP-2 -CQA	8"	FP-1 (PRIM. DIST. HDR.)	FP-4 (SEC. UNDERGRD. DIST. HDR.)								155 & 156	148	S-R	
FP-3 -CBC	8"	SEC. DIESEL FIRE PUMP	FP-4 (SEC. UNDERGRD. DIST. HDR.)								246	148	S-R	
FP-4 -CQA	8"	FP-3	FP-1 & FP-14								155, 156 & 157	148	S-R	
FP-5 -CQA	6"	FP-4	FH # 1								157	148	S-R	
FP-6 -CQA	6"	FP-4	FH # 2								157	148	S-R	
FP-7 -CQA	4"	FP-4	FIRE DEPT PUMPER CONN.								157	148	S-R	
FP-8 -CQA	2" & 6"	FP-4	FH # 3								157	148	S-R	
FP-9		DELETED												
FP-10 -CQA	8" & 6"	FP-4	FH # 5								157	148	S-R	
FP-11 -CQA	4"	FP-10	WAREHOUSE FHS								157	148	S-R	
FP-12 -CQA	6"	FP-4	FH # 6								157	148	S-R	
FP-13 -CQA	6"	FP-4	FH # 7								156	148	S-R	
FP-14 -CQA	8" & 6"	FP-4	FH MONITOR # 9								156	148	S-R	
FP-15 -CQA	6"	FP-14	FH # 8								156	148	S-R	
FP-16 -CBC	6"	FP-1	DIAPHRAGM FOAM TANK V-704								155	148	S-R	
FP-17 -CQA	6"	FP-2	FH # 12								156	148	S-R	
FP-18		DELETED												
FP-19 -CQA	6"	FP-2	FH MONITOR # 10								156	148	S-R	
FP-20 -CQA	6"	FP-2	EPGS FP LOOP								156	148	S-R	
FP-21 -CQA	6"	FP-2	FH # 11								156	148	S-R	
FP-22 -CBC	8" & 6"	RAW WATER STORAGE TANK	PRIMARY ELEC. FIRE PUMP								155	148 & 150	S-R	
FP-23 -CBD	2"	FP-22	FIRE MAINT. JOCKEY PUMP								155	148	S-R	
FP-24 -CBD	1 1/2"	FIRE MAINT. JOCKEY PUMP	FP-1								155	148	S-R	

DRAWN RRS 10-19-79

CHECKED

APPROVED

REV. DATE APPROVED

Stearns-Roger
 INCORPORATED

 LINE SCHEDULE
 FIRE PROTECTION (FP)

ORDER NO.

C-21700

DWG. NO.

9033/4

SHEET NO.

PI-2

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
FP-25		DELETED												
FP-26-CBC	6"	FP-1	RAW WATER STORAGE TANK								155	148, 150	S-R	
FP-27-CBC	6"	FP-1	EPGS FIRE LOOP S.C.E LINE#								156 & 251	148	S-R	
FP-28-CBC	8	PSV (SEC. DISCHARGE HDR)	SUMP								246	148	S-R	
FP-29-CBD	1/2", 1/4"	SECONDARY DIESEL FIRE PUMP (P.706)	DIESEL ENGINE HEAT EXCHANGER								246	148	S-R	
FP-30-CBD	1/2"	DIESEL ENGINE HEAT EXCHANGER	SUMP								246	148	S-R	
FP-31-ACB	1/2"	FP-3	DIESEL FIRE PUMP CONTROLLER								246	148	S-R	
FP-32-ACB	1/2"	FP-24	JOCKEY PUMP CONTROLLER								155	148	S-R	
FP-33-ACB	1/2"	FP-1	ELECTRIC FIRE PUMP CONTROLLER								155	148	S-R	
FP-34-CBC	6"	FP-3	FLOW METER & SUMP								246	148	S-R	
FP-35-CQA	6"	FP-4	FH#13								156	148	S-R	
FP-36-CBD	2"	PSV (FP-1)	RAW WATER STORAGE TANK									148	S-R	
FP-37-CBD		PSV (FP-24)	RAW WATER STORAGE TANK									148	S-R	LINE SIZE
FP-38-AQD	6"	RW-6	COOLING TOWER BASIN									148	S-R	
FP-39-	20"	COOLING TOWER BASIN	SEC. DIESEL FIRE PUMP BASIN									148	S-R	SPEC

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REV.	DATE	DRAWN	RRS	10-19-79	Stearns-Roger INCORPORATED LINE SCHEDULE FIRE PROTECTION (FP)	ORDER NO. C-21700
		CHECKED				DWG. NO. 9033/4
		APPROVED				SHEET NO. PI-2
		APPROVED				

100

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
NA-1-ABA	1 1/2"	EPGS	TSS		125	110		150	150		252 & 253	147	S-R	
NA-2-ABA	1"	NA-1	RAW/SERVICE WATER PUMP BLDG		125	110		150	150		155, 156, 160, 252 & 253	147	S-R	
NA-3-ABA	2", 1 1/2", 1/2"	NA-1	RS		125	110		150	150		901 & 250		S-R/R	
NA-4-ABA	1"	NA-1	BOILER & SUPERHEATER (SA-306)		125	110		150	150		251 & 253	147	S-R/R	
NA-5-ABA	3/4"	NA-1	PREHEATER (SA-306)		125	110		150	150		251 & 253	147	S-R/R	
NA-6-ABA	1"	NA-1	BOILER & SUPERHEATER (SA-307)		125	110		150	150		251 & 253	147	S-R/R	
NA-7-ABA	3/4"	NA-1	PREHEATER (SA-305)		125	110		150	150		251 & 253	147	S-R/R	
NA-8-ABA	1"	NA-1	DESUPERHEATER & FLASH TK. (SA-301)		125	110		150	150		251 & 253	147	S-R/R	
NA-9-ABA	3/4"	NA-1	THERMAL STORAGE HEATER (SA-302)		125	110		150	150		250 & 252	147	S-R/R	
NA-10-ABA	3/4"	NA-1	THERMAL STORAGE HEATER (SA-303)		125	110		150	150		250 & 252	147	S-R/R	
NA-11-ABA	1"	NA-1	EXTRACTION PUMPS (SA-309)		125	110		150	150		250 & 252	147	S-R/R	
NA-12-ABA	1"	NA-1	AOV'S IN TSSU		125	110		150	150		020, 021 & 252	147	S-R/R	
NA-13-ABA	1"	NA-1	CHARGING PUMPS (SA-304)		125	110		150	150		250 & 252	147	S-R/R	
NA-14-ABA	3/4"	NA-1	UMU (SA-311)		125	110		150	150		250, 252 & (TBD)	147	S-R/R	

REV.	DATE	APPROVED	APPROVED

Stearns-Roger
 INCORPORATED
 LINE SCHEDULE
 INSTRUMENT AIR (NA)

ORDER NO.
 C-21700
 DWG. NO.
 9233/4
 SHEET NO.
 PI-2

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
MS-201-QEB	6"	MAIN STEAM COLLECTION HDR	MS-2									767	R	
MS-204-RNX	2"	RB-204	MS-205									764	R	
MS-205-RNX	6", 4", 2", 1"	RB-205	MAIN STM MANIFOLD									764 767	R	
MS-206-RNX	2"	RB-206	MS-205									764	R	
MS-207-RNX	2"	RB-207	MS-208									764	R	
MS-208-RNX	6", 4", 2", 1"	RB-208	MAIN STM MANIFOLD									764 767	R	
MS-209-RNX	2"	RB-209	MS-208									764	R	
MS-210-RNX	2"	RB-210	MS-211									765	R	
MS-211-RNX	6", 4", 2"	RB-211	MAIN STM MANIFOLD									765 767	R	
MS-212-RNX	2"	RB-212	MS-211									765	R	
MS-213-RNX	2"	RB-213	MS-214									765	R	
MS-214-RNX	6", 4", 2", 1"	RB-214	MAIN STM MANIFOLD									765 767	R	
MS-215-RNX	2"	RB-215	MS-214									765	R	
MS-216-RNX	2"	RB-216	MS-217									766	R	
MS-217-RNX	6", 4", 2"	RB-217	MAIN STEAM MANIFOLD									766 767	R	
MS-218-RNX	2"	RB-218	MS-217									766	R	
MS-219-RNX	2"	RB-219	MS-220									766	R	
MS-220-RNX	6", 4", 2"	RB-220	MAIN STEAM MANIFOLD									766 767	R	
MS-221-PH	2"	RB-221	MS-220									766	R	

		DRAWN	PV	12-27-79
		CHECKED		
		APPROVED		
REV.	DATE	APPROVED		

Stearns-Roger
INCORPORATED

LINE SCHEDULE

R MAIN STEAM (MS)

ORDER NO.
C-21700
DWG. NO.
9033/4
SHEET NO.
P1-2

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LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
SW-1		DELETED												
SW-2		DELETED												
SW-3		DELETED												
SW-4		DELETED												
SW-5-ABA	6" & 4"	RAW/SERVICE WATER PUMPS P-703 & P-704	EPGS S.C.E. LINE #								155, 160, 250 & 253	150	S-R	
SW-6		DELETED												
SW-7		DELETED												
SW-8-ABA		SW-5	RW STORAGE TANK (TK-701)								155	150	S-R	LINE SIZE
SW-9		DELETED												
SW-10-ABA	2"	SW-5	TSS-SWS								248, 249, 250, 252 & 253	150	S-R	
SW-11		DELETED												
SW-12-AQD	4"	SW-15	COOLING TOWER INTERFACE S.C.E. LINE #								157	150	S-R	
SW-13-ABA	1"	SW-5	RAW/SERVICE WATER PUMP BLDG SWS								155	150	S-R	
SW-14		DELETED												
SW-15-AQD	4" & 2"	SW-17	ADMINISTRATION BLDG								155, 156 & 157	150	S-R	
SW-16-AQD	1" & 2"	SW-15	SW-18 & 19								157	150	S-R	
SW-17-ABA	3"	SW-5	SW-15								155	150	S-R	
SW-18-ABA	1"	SW-16	WAREHOUSE SWS								160	150	S-R	
SW-19-ABA	1"	SW-16	WAREHOUSE SWS								160	150	S-R	
SW-20-ABA	1 1/2", 3/4"	SW-10	SWS@ TOWER PIPE RACK								209, 251 & 253	150	S-R	
SW-21-ABA	1"	SW-10	SWS@ COLUMN PS #9								249, 251 & 253	150	S-R	
SW-22-ABA	1"	SW-10	SWS@ COLUMN PS #6								249, 251 & 253	150	S-R	
SW-23-ABA	1"	SW-10	SWS@ COLUMN PS #3								248, 250 & 253	150	S-R	
SW-24-ABA	1"	SW-10	SWS@ COLUMN PS #1								248, 250, & 253	150	SR	

REV.	DATE	DRAWN	RRS	7-30-79
		CHECKED		
		APPROVED		
		APPROVED		

Stearns-Roger
INCORPORATED

LINE SCHEDULE
SERVICE WATER (SW)

ORDER NO.	C-21700
DWG. NO.	9033/4
SHEET NO.	PI-2

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
TO-1-BBA	4"	FLUID MAKE-UP TANK (TK-301)	FLUID MAKE-UP PUMP (P-306)										S-R	
TO-2-BBA	4"	FLUID MAKE-UP PUMP (P-306)	TO-3										S-R	
TO-3-BBA	10", 8"	TSS STORAGE TANK (V-303)	CHARGING OIL PUMPS (P-301 & P302)								021 & 24B		S-R/R	
TO-4-BBA	8"	CHARGING OIL PUMP (P301)	TSS HEATER ASSEMBLY SUBCOOLER (E-311)								24B		S-R/R	
TO-5-BBA	8"	CHARGING OIL PUMP (P-302)	TSS HEATER ASSEMBLY SUBCOOLER (E-312)								24B		S-R/R	
TO-6		DELETED												
TO-7		DELETED												
TO-8		DELETED												
TO-9-BBA	10" & 8"	TSS HEATER ASSEMBLY CONDENSERS (E-301 & E-302)	TO-10								020, 021 & 24B		S-R/R	
TO-10-BBA	10" & 8"	TSS STORAGE TANK (V-303)	EXTRACTION OIL PUMPS (P-303 & P304)										S-R/R	
TO-11-BBA	10"	TO-9 (CHARGING/EXTRACTION CROSS-OVER.)	TO-3								021		S-R/R	
TO-12-BBA	8"	EXTRACTION OIL PUMP (P-303)	TSS STM. GEN. SUPERHEATER (E-301)								24B & 249		S-R/R	
TO-13-BBA	8"	EXTRACTION OIL PUMP (P-304)	TSS STM. GEN. SUPERHEATER (E-302)								24B & 249		S-R/R	
TO-14		DELETED												

111

		DRAWN	KEN	5-3079
		CHECKED		
		APPROVED		
REV.	DATE	APPROVED		

Stearns-Roger
INCORPORATED

LINE SCHEDULE
THERMAL OIL (TO)

ORDER NO. C-21700
DWG. NO. 9033A
SHEET NO. P1-2

LINE NO.	LINE SIZE	DESCRIPTION		OPERATING CONDITIONS			INSUL SCHED	DESIGN CONDITIONS		TEST PSIG	REFERENCE DRAWINGS		BY CONTRACTOR	REMARKS
		FROM	TO	FLOW	PSIG	°F		PSIG	°F		PIPING SYSTEM	DIAG.		
TO-15		DELETED												
TO-16		DELETED												
TO-17		DELETED												
TO-18		DELETED												
TO-19		DELETED												
TO-20		DELETED												
TO-21-BBA	10", 8"	TSS STM. GEN. PREHEATERS (E-303 & E-304)		TO-3							249 & 249		S-R/R	
TO-22-BBA	4"	TSS STORAGE TANK V-303		AUX. EXTRACTION OIL PUMP (P-305)							021 & 249		S-R/R	
TO-23-BBA	4"	TO-9		TO-22							021		S-R/R	
TO-24-BBA	4"	TO-10 (AUX RECYCLE)		TO-22							021 & 249		S-R/R	
TO-25-BBA	8"	TO-12		TO-303							249		S-R/R	
TO-26-BBA	8"	TO-13		TO-304							249		S-R/R	
TO-27-BBA	2"	TO-2		FLUID MAKE-UP TK-301									S-R	
TO-28-BBA	4"	FLUID MAKE-UP TK-301		TRUCK FILL CONNECTION									S-R	
TO-29-BBA	2"	TSU AREA SUMP PUMP		TO-28								149	S-R	
TO-30-BBA		TSU AREA SUMP PUMP		OW-6								149	S-R	
TO-31-BBA		TSU AREA SUMP PUMP		OW-6								149	S-R	
TO-32-BBA		TSU AREA SUMP PUMP		OW-6								149	S-R	
TO-33-BBA		TSU AREA SUMP PUMP		OW-6								149	S-R	
				REV.	DATE	APPROVED	APPROVED	APPROVED	APPROVED	Stearns-Roger INCORPORATED LINE SCHEDULE THERMAL OIL (TO)		ORDER NO. C-21700 DWG. NO. 9033,4 SHEET NO. PI-2		

