SHEET INDEX

ISSUE NO.	DATE	DWN	CHKD	ARCH	NUCLEAR MECH	NUCLEAR CHEM	STRUCTURAL STRUCT	STRUCTURAL SHELL	ELECT	P.E.	ISSUED FOR
A	3-7-80	RS	as	—	—	—	—	—			CONSTRUCTION-SHEETS #00,05-16,29-43,72-75,80-91,96,98,99 CLIENTS INFORMATION. SHEET #0
B	31580	RW	as	—	—	—	—	—			CONSTRUCTION-SHEETS #01-04,18-26,44-47,53-63 CLIENTS INFORMATION. SHEET #0

IDENT. NO.	TITLE	SHEET NO	CURRENT ISSUE NO.
–	TYPICAL INTERNAL WIRING DIAGRAMS AND DEVELOPMENTS	00	1
2-PV-2325 *	AIR OPERATED VALVE 2-PV-2325 LOOP 1 MS POWER RELIEF VALVE	01	1
2-PV-2326 *	AIR OPERATED VALVE 2-PV-2326 LOOP 2 MS POWER RELIEF VALVE	02	1
2-PV-2327 *	AIR OPERATED VALVE 2-PV-2327 LOOP 3 MS POWER RELIEF VALVE	03	1
2-PV-2328 *	AIR OPERATED VALVE 2-PV-2328 LOOP 4 MS POWER RELIEF VALVE	04	1
2-LV-2432	SOLENOID OPERATED VALVE 2-LV-2432 HP TURBINE STEAM LINE 1 STRAINER DRAIN POT DRAIN VALVE	05	1
2-LV-2433	SOLENOID OPERATED VALVE 2-LV-2433 HP TURBINE STEAM LINE 2 STRAINER DRAIN POT DRAIN VALVE	06	1
2-LV-2434	SOLENOID OPERATED VALVE 2-LV-2434 HP TURBINE STEAM LINE 3 STRAINER DRAIN POT DRAIN VALVE	07	1
2-LV-2435	SOLENOID OPERATED VALVE 2-LV-2435 HP TURBINE STEAM LINE 4 STRAINER DRAIN POT DRAIN VALVE	08	1
2-LV-2436	SOLENOID OPERATED VALVE 2-LV-2436 MSR HTNG STEAM LINE 1 TO MSR 1-B DRAIN POT DRAIN VALVE	09	1
2-LV-2437	SOLENOID OPERATED VALVE 2LV-2437 MSR HTNG STEAM LINE 2 TO MSR 1-A DRAIN POT DRAIN VALVE	10	1
2-LV-2438	SOLENOID OPERATED VALVE 2-LV-2438 MSR HTNG STEAM LINE 3 TO MSR 1-A DRAIN POT DRAIN VALVE	11	1
2-LV-2439	SOLENOID OPERATED VALVE 2-LV-2439 MSR HTNG STEAM LINE 4 TO MSR 1-B DRAIN POT DRAIN VALVE	12	1
2-LV-2349	SOLENOID OPERATED VALVE 2-LV-2349 MAIN STEAM LOOP 1 DRAIN VALVE	13	1
2-LV-2350	SOLENOID OPERATED VALVE 2-LV-2350 MAIN STEAM LOOP 2 DRAIN VALVE	14	1
2-LV-2351	SOLENOID OPERATED VALVE 2-LV-2351 MAIN STEAM LOOP 3 DRAIN VALVE	15	1
2-LV-2352	SOLENOID OPERATED VALVE 2-LV-2352 MAIN STEAM LOOP 4 DRAIN VALVE	16	1
2-PV-2369A *	SOLENOID OPERATED VALVE 2-PV-2369A MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	17	
2-PV-2369B *	SOLENOID OPERATED VALVE 2-PV-2369B MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	18	1
2-PV-2369C *	SOLENOID OPERATED VALVE 2-PV-2369C MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	19	1
2-TV-2370A *	SOLENOID OPERATED VALVE 2-TV-2370A MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	20	1
2-TV-2370B *	SOLENOID OPERATED VALVE 2-TV-2370B MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	21	1
2-TV-2370C *	SOLENOID OPERATED VALVE 2-TV-2370C MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	22	1
2-TV-2370D *	SOLENOID OPERATED VALVE 2-TV-2370D MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	23	1
2-TV-2370E *	SOLENOID OPERATED VALVE 2-TV-2370E MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	24	1
2-TV-2370F *	SOLENOID OPERATED VALVE 2-TV-2370F MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	25	1
2-TV-2370G *	SOLENOID OPERATED VALVE 2-TV-2370G MAIN STEAM DUMP VALVE TO CONDENSER "A" SHELL	26	1
2-TV-2370H *	SOLENOID OPERATED VALVE 2-TV-2370H MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	27	1
2-TV-2370J *	SOLENOID OPERATED VALVE 2-TV-2370J MAIN STEAM DUMP VALVE TO CONDENSER "B" SHELL	28	1

IDENT. NO.	TITLE	SHEET NO.	CURRENT ISSUE NO.
2-LV-2371	SOLENOID OPERATED VALVE 2-LV-2371 MAIN STEAM LOOP 1 DRAIN VALVE	29	1
2-LV-2372	SOLENOID OPERATED VALVE 2-LV-2372 MAIN STEAM LOOP 2 DRAIN VALVE	30	1
2-LV-2373	SOLENOID OPERATED VALVE 2-LV-2373 MAIN STEAM LOOP 3 DRAIN VALVE	31	1
2-LV-2374	SOLENOID OPERATED VALVE 2-LV-2374 MAIN STEAM LOOP 4 DRAIN VALVE	32	1
2-LV-2375	SOLENOID OPERATED VALVE 2-LV-2375 MAIN STEAM DUMP HEADER DRAIN VALVE	33	1
2-LV-2376	SOLENOID OPERATED VALVE 2-LV-2376 MAIN STEAM DUMP HEADER DRAIN VALVE	34	1
2-LV-2377	SOLENOID OPERATED VALVE 2-LV-2377 HP HDR TO STEAM GENERATOR F.W PMP TURB. 02 HP HDR DRAIN POT VALVE	35	1
2-LV-2378A	SOLENOID OPERATED VALVE 2-LV-2378A HP HDR TO STEAM GENERATOR F.W. PMP TURB. 01 HP HDR DRAIN POT VALVE	36	1
2-LV-2379	SOLENOID OPERATED VALVE 2-LV-2379 STEAM GENERATOR F.W PMP TURB. 02 LOW PRESS. HDR DRAIN VALVE	37	1
2-LV-2380A	SOLENOID OPERATED VALVE 2-LV-2380A STEAM GENERATOR F.W PMP TURB. 02 LOW PRESS. HDR DRAIN POT VALVE	38	1
2-LV-2381	SOLENOID OPERATED VALVE 2-LV-2381 STEAM GENERATOR F.W PMP TURB. 01 LOW PRESS. HDR DRAIN VALVE	39	1
2-LV-2382	SOLENOID OPERATED VALVE 2-LV-2382 STEAM GENERATOR F.W PMP TURB. 01 LOW PRESS. HDR DRAIN VALVE	40	1
2-LV-2383	SOLENOID OPERATED VALVE 2-LV-2383 MAIN STEAM TO AUXILIARY F.W. PUMP TURBINE DRAIN VALVE	41	1
2-LV-2378B	SOLENOID OPERATED VALVE 2-LV-2378B HP HEADER STEAM GENERATOR F.W PMP. TURB. 01 & 02 HP HDR. DRAIN POT VALVE	42	1
2-LV-2380B	SOLENOID OPERATED VALVE 2-LV-2380B STEAM GENERATOR PMP. TURB. 01 & 02 LOW PRESS. HDR. DRAIN HDR DRAIN POT VALVE	43	1
2-HV-2397 *	SOLENOID OPERATED VALVE 2-HV-2397 STEAM GENERATOR 1 BLOWDOWN ISOLATION VALVE	44	1
2-HV-2398 *	SOLENOID OPERATED VALVE 2-HV-2398 STEAM GENERATOR 2 BLOWDOWN ISOLATION VALVE	45	1
2-HV-2399 *	SOLENOID OPERATED VALVE 2-HV-2399 STEAM GENERATOR 3 BLOWDOWN ISOLATION VALVE	46	1
2-HV-2400 *	SOLENOID OPERATED VALVE 2-HV-2400 STEAM GENERATOR 4 BLOWDOWN ISOLATION VALVE	47	1
2-HV-2333A *	SOLENOID OPERATED VALVE 2-HV-2333A TRAIN A MAIN STEAM LOOP 1 ISOLATION VALVE	48	
2-HV-2333B *	SOLENOID OPERATED VALVE 2-HV-2333A TRAIN B MAIN STEAM LOOP 1 ISOLATION VALVE	49	
2-HV-2334A *	SOLENOID OPERATED VALVE 2-HV-2334A TRAIN A MAIN STEAM LOOP 2 ISOLATION VALVE	50	
2-HV-2334A *	SOLENOID OPERATED VALVE 2-HV-2334A TRAIN B MAIN STEAM LOOP 2 ISOLATION VALVE	51	
2-HV-2401A *	SOLENOID OPERATED VALVE 2-HV-2401A STEAM GENERATOR 1 DRUM SAMPLE ISOLATION VALVE	52	
2-HV-2401B *	SOLENOID OPERATED VALVE 2-HV-2401B STEAM GENERATOR 1 BLOWDOWN SAMPLE ISOLATION VALVE	53	1
2-HV-2402A *	SOLENOID OPERATED VALVE 2-HV-2402A STEAM GENERATOR 2 BLOWDOWN SAMPLE ISOLATION VALVE	54	1
2-HV-2402B *	SOLENOID OPERATED VALVE 2-HV-2402B STEAM GENERATOR 2 BLOWDOWN SAMPLE ISOLATION VALVE	55	1
2-HV-2403A *	SOLENOID OPERATED VALVE 2-HV-2403A STEAM GENERATOR 3 DRUM SAMPLE ISOLATION VALVE	56	1
2-HV-2403B *	SOLENOID OPERATED VALVE 2-HV-2403B STEAM GENERATOR 3 BLOWDOWN SAMPLE ISOLATION VALVE	57	1
2-HV-2404A *	SOLENOID OPERATED VALVE 2-HV-2404A STEAM GENERATOR 4 DRUM SAMPLE ISOLATION VALVE	58	1
2-HV-2404B *	SOLENOID OPERATED VALVE 2-HV-2404B STEAM GENERATOR 4 BLOWDOWN SAMPLE ISOLATION VALVE	59	1
2-HV-2405 *	SOLENOID OPERATED VALVE 2-HV-2405 STEAM GENERATOR 1 SAMPLE ISOLATION VALVE	60	1
2-HV-2406 *	SOLENOID OPERATED VALVE 2-HV-2406 STEAM GENERATOR 2 SAMPLE ISOLATION VALVE	61	1
2-HV-2407 *	SOLENOID OPERATED VALVE 2-HV-2407 STEAM GENERATOR 3 SAMPLE ISOLATION VALVE	62	1
2-HV-2408 *	SOLENOID OPERATED VALVE 2-HV-2408 STEAM GENERATOR 4 SAMPLE ISOLATION VALVE	63	1
2-HV-2409 *	SOLENOID OPERATED VALVE 2-HV-2409 MAIN STEAM LOOP 1 DRAIN POT ISOLATION VALVE	64	
2-HV-2410 *	SOLENOID OPERATED VALVE 2-HV-2410 MAIN STEAM LOOP 2 DRAIN POT ISOLATION VALVE	65	
2-HV-2411 *	SOLENOID OPERATED VALVE 2-HV-2411 MAIN STEAM LOOP 3 DRAIN POT ISOLATION VALVE	66	
2-HV-2412 *	SOLENOID OPERATED VALVE 2-HV-2412 MAIN STEAM LOOP 4 DRAIN POT ISOLATION VALVE	67	
2-HV-2335A *	SOLENOID OPERATED VALVE 2-HV-2335A TRAIN A MAIN STEAM LOOP 3 ISOLATION VALVE	68	
2-HV-2335A *	SOLENOID OPERATED VALVE 2-HV-2335A TRAIN B MAIN STEAM LOOP 3 ISOLATION VALVE	69	
2-HV-2336A *	SOLENOID OPERATED VALVE 2-HV-2336A TRAIN A MAIN STEAM LOOP 4 ISOLATION VALVE	70	

IDENT. NO.	TITLE	SHEET NO.	CURRENT ISSUE NO.
2-HV-2336A *	SOLENOID OPERATED VALVE 2-HV-2336A TRAIN B MAIN STEAM LOOP 4 ISOLATION VALVE	71	
2-UV-2413A	AIR OPERATED VALVE 2-UV-2413A MOISTURE SEPARATOR RHTR 1-B TO LOOP 1-A TURBINE STOP VALVE	72	1
2-UV-2414A	AIR OPERATED VALVE 2-UV-2414A MOISTURE SEPARATOR RHTR 1-A TO LOOP 1-A TURBINE STOP VALVE	73	1
2-UV-2415A	AIR OPERATED VALVE 2-UV-2415A MOISTURE SEPARATOR RHTR 1-A TO LOOP 1-B TURBINE STOP VALVE	74	1
2-UV-2416A	AIR OPERATED VALVE 2-UV-2416A MOISTURE SEPARATOR RHTR 1-B TO LOOP 1-B TUBINE STOP VALVE	75	1
2-HV-2417A (2-SH045001)	MOTOR OPERATED VALVE 2-HV-2417A (SEE NOTE *2) HIGH PRESSURE TURBINE STEAM LINE 1 DRAIN VALVE	76	
2-HV-2417B (2-SH055001)	MOTOR OPERATED VALVE 2-HV-2417B (SEE NOTE *2) HIGH PRESSURE TURBINE STEAM LINE 2 DRAIN VALVE	77	
2-HV-2417C (2-SH035001)	MOTOR OPERATED VALVE 2-HV-2417C (SEE NOTE *2) HIGH PRESSURE TURBINE STEAM LINE 3 DRAIN VALVE	78	
2-HV-2417D (2-SH025001)	MOTOR OPERATED VALVE 2-HV-2417D (SEE NOTE *2) HIGH PRESSURE TURBINE STEAM LINE 4 DRAIN VALVE	79	
2-HV-2418 (2-SH055001)	MOTOR OPERATED VALVE 2-HV-2418 (SEE NOTE *2) HIGH PRESSURE TURBINE STEAM LINES 1 & 3 DRAIN VALVE	80	1
2-HV-2419A (2-SH245001)	MOTOR OPERATED VALVE 2-HV-2419A (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 1 DRAIN VALVE	81	1
2-HV-2419B (2-SH235001)	MOTOR OPERATED VALVE 2-HV-2419B (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 2 DRAIN VALVE	82	1
2-HV-2419C (2-SH295001)	MOTOR OPERATED VALVE 2-HV-2419C (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 3 DRAIN VALVE.	83	1
2-HV-2419D (2-SH325001)	MOTOR OPERATED VALVE 2-HV-2419D (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 4 DRAIN VALVE.	84	1
2-HV-2420A (2-SH285001)	MOTOR OPERATED VALVE 2-HV-2420A (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 1 DRAIN VALVE	85	1
2-HV-2420B (2-SH275001)	MOTOR OPERATED VALVE 2-HV-2420B (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 2 DRAIN VALVE	86	1
2-HV-2420C (2-SH255001)	MOTOR OPERATED VALVE 2-HV-2420C (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 3 DRAIN VALVE	87	1
2-HV-2420D (2-SH265001)	MOTOR OPERATED VALVE 2-HV-2420D (SEE NOTE *2) MS RHTR TO HP TURB. CROSS AROUND 4 DRAIN VALVE	88	1
2-HV-2440	AIR OPERATED VALVE 2-HV-2440 STEAM GENERATOR #1 BLOWDOWN VALVE.	89	1
2-HV-2441	AIR OPERATED VALVE 2-HV-2441 STEAM GENERATOR #2 BLOWDOWN VALVE.	90	1
2-HV-2442A 2-HV-2443	AIR OPERATED VALVE 2-HV-2442A & 2-HV-2443 STEAM GENERATOR #3 & #4 BLOWDOWN VALVES.	91	1
2-UV-2428A *	AIR OPERATED VALVE 2-UV-2428A HP TURBINE STEAM LINE 1 STOP VALVE	92	
2-UV-2429A *	AIR OPERATED VALVE 2-UV-2429A HP TURBINE STEAM LINE 2 STOP VALVE	93	
2-UV-2430A *	AIR OPERATED VALVE 2-UV-2430A HP TURBINE STEAM LINE 3 STOP VALVE	94	
2-UV-2431A *	AIR OPERATED VALVE 2-UV-2431A HP TURBINE STEAM LINE 4 STOP VALVE	95	
	STEAM DUMP CONTROL SYSTEM AUXILIARY RELAY 2-UY-2369/70	96	1
2-RY/4200 *	AUXILIARY RELAYS 2-RY/4200A & 2-RY/4200B	97	
	MISCELLANEOUS SWITCHES	98	1
	MISCELLANEOUS SWITCHES	99	1
	CONTINUED ON DWG. E2-0039, SHEETS (41 THRU 64)		

NOTES

1. * - INDICATES SHEETS WITH CLASS "I E" EQUIPMENT.
2. SHEETS 76 THRU 88 INCLUSIVE REPRESENT PART OF THE TURBINE GENERATOR'S "TAE" SYSTEM

TERA APERTURE CARD

4/24/80

TEXAS UTILITIES SERVICES INC.
AGENT FOR:
DALLAS POWER & LIGHT COMPANY
TEXAS ELECTRIC SERVICE COMPANY
TEXAS POWER & LIGHT COMPANY

COMANCHE PEAK S.E.S.
1980-82 — 2300 MW INSTALLATION

MAIN STEAM REHEAT AND STEAM DUMP SYSTEM SCHEMATIC AND CONN DIAGRAMS SHEET ISSUE RECORD AND INDEX

Gibbs & Hill, Inc.
NEW YORK

JOB NO. 2323

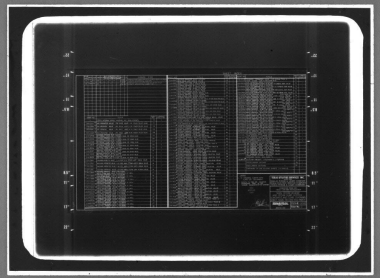
2323-E2-0040

SHEET No. 0

8102270213

DDA ELE

NRCA ANPGF EØØ45
CFØ45
CCØ45



MMM 5824 — FILMSORT® Brand Aperture & Camera Cards and DUPLICARD® Brand Copy Cards — Product of 3M Company, St. Paul, Minn.