



- NOTE:
- (DELETED)
 - (DELETED)
 - ALL PRESSURE AND FLOW INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE UNLESS SPECIFICALLY NOTED OTHERWISE.
 - PIPING VALVES & ASSOCIATED COMPONENTS ON THIS DWG SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAM):
a) PROCESS AND INSTRUMENT PIPING 3/4" AND LARGER WITHIN THE PRIMARY CONTAINMENT AND OUT THROUGH THE OUTERMOST ISOLATION VALVES SEISMIC CATEGORY I QUALITY CLASS J
b) PROCESS & INST. PIPING BEYOND THE OUTERMOST ISOLATION VALVES SEISMIC CATEGORY I QUALITY CLASS J
c) AIR INLET PIPING AND COMPONENTS SEISMIC CATEGORY II QUALITY CLASS J
d) SEE SECT 15.3, CONTRACT 215
 - SLOPE ALL PIPING 1/8" PER FT. TOWARDS DRAIN SEALS
EXHAUST TO SAFE AREA IN REACTOR BUILDING TO AVOID HAZARD TO PERSONNEL
 - ALL INSTRUMENTATION ON THIS DWG SHALL BE PREFIXED BY MSLC. EXCESS FLOW CHECK VALVE SHALL BE TAGGED AS FOLLOWS:
PI - SEC - X (PENETRATION NO.)
CONTAINMENT INSTRUMENTATION ROOT VALVES SHALL BE TAGGED AS FOLLOWS: PI - V - X (PENETRATION NO.)
 - ALL INSTRUMENT LINES ARE DESIGNATED BY CODE AND LINE NUMBER.
a) EXAMPLE: LINES ORIGINATING OUTSIDE CONTAINMENT
1/2" PT (1) - ST - (H22-PO21) - A6
CODE DESIGNATION LINE NUMBER
 - DISCHARGE PIPING FROM YELC-FN-1 & MSLC-FN-2 SHALL BE DESIGNATED AS SGT & CLASSIFIED AS FOLLOWS:
SEISMIC CATEGORY: I
QUALITY CLASS: J
CODE GROUP: D
 - ALL PIPING DOWNSTREAM OF THE LAST ISOLATION VALVE AND OPEN TO THE ATMOSPHERE WITH THE SUBSYSTEM DESIGNATION "SYSTEM" (50) THRU (59) SHALL BE CLASSIFIED AS CODE GROUP D WITH QUALITY CLASS AND SEISMIC CATEGORY PROVIDED BY THE APPLICABLE NOTES ON THIS DRAWING.

- LEGEND
- ALL VALVES SUFFIXED WITH A (V) EQUAL A 3/4" GLOBE VALVE.
 - ALL VALVES SUFFIXED WITH A (D) EQUAL A 3/4" DRAIN VALVE.

REVNO	REVISION	DATE	DRWN	CHKD	APPROVED	ENG	DATE	REVNO	REVISION	DATE	DRWN	CHKD	APPROVED	ENG	DATE	REVNO	REVISION	DATE	DRWN	CHKD	APPROVED	ENG	DATE	REVNO	REVISION	DATE	DRWN	CHKD	APPROVED	ENG	DATE	REVNO	REVISION	DATE	DRWN	CHKD	APPROVED	ENG	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
15	PER TASK 3040 PED 215-M-368 (E-4-6, C-D-5-6, C-8-9)	4/2/83	MH	DR	DR	DR	4/2/83	12	PER TASK 3040 PED 220-1-0704 (B-C-T-5, C-D-7, D-8, E-9)	7/2/82	DR	DR	DR	DR	7/2/82	9	PER TASK 3040 PED 215-M-1019 (G-1-2, J-4, F-3) 220-1-068 (C-4)	1/2/82	DR	DR	DR	DR	1/2/82	5	FOR REV 4 SEE RECORD MAC CARD PER TASK 3040 PED 215-M-1019 (B-C-T-5, D-E-8, D-E-9, H-5, J-5)	1/2/82	DR	DR	DR	DR	1/2/82	6	PER TASK 3040 PED 220-1-0662 (F-G-7, H-4, J-7, B)	1/2/82	DR	DR	DR	DR	1/2/82	10	PER TASK 3040 PED 215-M-8758 (B-D-4, G, D-E-4)	1/2/82	DR	DR	DR	DR	1/2/82	11	PER TASK 3040 PED 215-M-4586 (B-4, H-4)	7/2/82	DR	DR	DR	DR	7/2/82	8	PERTASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	7	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	6	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	5	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	4	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	3	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	2	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	1	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	0	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-1	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-2	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-3	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-4	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-5	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-6	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-7	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-8	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-9	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-10	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-11	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-12	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-13	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-14	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-15	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-16	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-17	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-18	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-19	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-20	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-21	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-22	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-23	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-24	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-25	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-26	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-27	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-28	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-29	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-30	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-31	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-32	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-33	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-34	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-35	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-36	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-37	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-38	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-39	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-40	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-41	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-42	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-43	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-44	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-45	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-46	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-47	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-48	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-49	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-50	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-51	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-52	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-53	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-54	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-55	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-56	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-57	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-58	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-59	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-60	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-61	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-62	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-63	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-64	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-65	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-66	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-67	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-68	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-69	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-70	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-71	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-72	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-73	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-74	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-75	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-76	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-77	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-78	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-79	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-80	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-81	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-82	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-83	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-84	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-85	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-86	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-87	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-88	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-89	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-90	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-91	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-92	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-93	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-94	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-95	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-96	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-97	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-98	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-99	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-100	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-101	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-102	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-103	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-104	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-105	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-106	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-107	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-108	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-109	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-110	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-111	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-112	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-113	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-114	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-115	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-116	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-117	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-118	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	7/2/82	DR	DR	DR	DR	7/2/82	-119	PER