



MECHANICAL PENETRATION TEST STATION NO.

1-M	2-M	3-M	4-M	5-M	6-M	7-M	8-M	9-M	10-M	11-M	12-M
X-3A	X-5A	X-53	X-51	X-9	X-2A	X-7	X-31	X-29	X-1A	X-1B	X-1
X-3B	X-5B	X-54	X-52	X-154	X-2B	X-8	X-32	X-30	X-2B	X-13A	X-12B
X-129	X-133	X-72A	X-71A	X-156	X-4A	X-16B	X-37	X-36	X-34	X-25	X-13B
X-135	X-137	X-72B	X-71B	X-157	X-4B	X-17A	X-38	X-42	X-35	X-26	X-14
X-64	X-139	X-72C	X-71C				X-43	X-48	X-41	X-121	
X-134	X-150	X-72D	X-71D				X-44	X-75	X-47	X-122	
		X-72E	X-71E				X-49	X-81		X-98	
		X-72F	X-71F				X-50	X-82			
		X-149	X-131								
		X-20	X-140								

ELECTRICAL PENETRATION TEST STATION NO.

1E	2E	3E	4E	5E	6E	7E	8E	9E	10E	11E	12E
X-E176	X-E182	X-E180	X-E196	X-E197	X-E215	X-E214	X-E227	X-E351			
X-E177	X-E185	X-E181	X-E198	X-E200	X-E217	X-E216	X-E228	X-E350			
X-E178	X-E188	X-E183	X-E199	X-E203	X-E219	X-E218	X-E229				
X-E179	X-E191	X-E184	X-E201	X-E206	X-E221	X-E220	X-E230				
		X-E186	X-E202	X-E210	X-E223	X-E222	X-E231				
		X-E187	X-E204	X-E211	X-E225	X-E224	X-E232				
		X-E189	X-E205	X-E212	X-E226	X-E225	X-E233				
		X-E190	X-E213	X-E236	X-E235	X-E233					
		X-E288									
		X-E289									

TYPICAL TIP VALVE CONFIGURATION

PENETRATION	1	2	INSIDE DRYWELL	OUTSIDE DRYWELL
X-23-B	36-149	36-153	C-19400-C	C-19405/6-C
X-23-C	36-150	36-154	C-19400-C	C-19405/6-C
X-23-D	36-147	36-151	C-19399-C	C-19405/6-C
X-23-E	36-148	36-152	C-19399-C	C-19405/6-C

- NOTES
- SUPPLIED WITH O₂ ANALYZER 201.2-19
 - ENERGIZED FROM L.R.M.S. PANEL
 - SUPPLIED WITH CAM 201.2-17
 - TO LEAK RATE MONITORING SYS. PANEL 5, BY FIELD
 - SUPPLIED WITH CAM SYS 12
 - 1/4" O.D. X .035 WALL MULTITUBE
 - VALVE FAILS CLOSED ON LOSS OF POWER.
 - RETIRED IN PLACE. WIRES DISCONNECTED AT JUNCTION BOX
 - CONNECTION TO ILRT SYS. DISCONNECTED WHEN NOT IN USE.

ORIGINAL
CRITICAL DRAWING

49	9/27/82	FCM	ADMINISTRATIVE CHANGE PER WALKDOWN AS-BUILT VERIFICATION (REF. DOC. IP800300) CHANGES MADE AT DRAWING LOCATION G-1								
48	9/11/81	FCM	ADMINISTRATIVE CHANGE PER EE 19940-02E (SER. 1-199-319) ADDED TIP SYSTEM TABLE # H-5 PER DER 1-199-206C ADDED LINE BUBBLES # E-1								

STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1
 DRYWELL & TORUS LEAK RATE & ANAL. T.I.P. SYS. ELECTRICAL PEN & N₂ SUPPLY P & I DIAGRAM
 DATE 1-24-79
 SCALE NONE
 DWG NO C-18014-C
 INDEX 3-N2-S10
 SHEET 2