



**TABLE IV**  
STEAM FLOW TRANSMITTER LOCATIONS

TRANSMITTER	A/B	C/D
FT-1005	10-C041	10-F015
PDT-1006	10-C041	10-C042
PDT-1007	10-C041	10-C042
PDT-1008	10-C015	10-C025
PDT-1009	10-C015	10-C025

**TABLE V**  
STEAM FLOW INSTRUMENTATION EXCESS FLOW CHECK VALVE STATUS LIGHTS LOCATION

VALVE	A/B	C/D
XV-1F070	10-C228	10-C227
XV-1F071	10-C228	10-C227
XV-1F072	10-C228	10-C227
XV-1F073	10-C228	10-C227

REF. NO.	REFERENCE DRAWINGS	BECHTEL NO.	GEN. NO.
1	CORE SPRAY	M-52	
2	ASST. LEAKAGE CONTROL	M-40	
3	LEGEND	M-00	
4	HIGH PRESSURE COOLANT INJECTION	M-55	
5	RESIDUAL HEAT REMOVAL	M-51	
6	REACTOR CORE ISOLATION COOLING	M-43	
7	REACTOR WATER CLEANUP	M-44	
8	NUCLEAR BOILER VESSEL INSTRUMENTATION	M-42	
9	NUCLEAR BOILER FCD	MI-91-1030-M-100	761ES7AD
10	FEEDWATER	M-06	
11	MAIN STEAM	M-01	
12	CLEANING OF PIPING AND EQUIPMENT	MI-61-4022-Z-18	22A136A09
13	ISOL. VLV. SCHEMATIC CONTR. DIAGRAM	621-F022-C-2	732E L-0
14	REACTOR PROTECTION SYSTEM	MI-07-1004-F-1	722E L-107
15	FEEDWATER CONTROL SYSTEM	MI-03-1010-F-1	723E L-107
16	REACT. BLDG. LINE PLATE, PENET.	C-279	
17	GE NUCLEAR BOILER SYSTEM P&ID	MI-91-1010-D-1	761E 230AD
18	PLANT LEAK DETECTION	MI-61-4070-L-1	22A286A
19	PROCESS WAT. PIPING & TUBING DESIGN SPEC.	MI-61-4070-L-1	22A286A
20	PROCESS MONITORING INSTRUMENTATION	MI-01-1010-F-1	761E 36A
21	NUCLEAR BOILER PROCESS INSTRUMENTATION	MI-02-1010-D-1	791E 367M
22	AUTO DEPRESSURIZATION SYSTEM P&ID	MI-02-1010-D-1	791E 4037M
23	NUCLEAR STEAM SUPPLY SYSTEM P&ID	MI-02-1010-D-1	791E 4017M

**TABLE I**  
SAFETY, RELIEF VALVES & ASSOCIATED EQUIPMENT LOCATION & SUFFIX ASSIGNMENT

ITEM	VALVE	LOCATION	SUFFIX
1	FT-1005	10-C041	F015
2	PDT-1006	10-C041	C042
3	PDT-1007	10-C041	C042
4	PDT-1008	10-C015	C025
5	PDT-1009	10-C015	C025

**TABLE II**  
VALVE PRESSURE SETTINGS

VALVE	SETTING
1000	1000
1050	1050
1100	1100
1150	1150

**TABLE III**  
STEAM FLOW INSTRUMENTATION LINES

MS LINE	A	B	C	D
10-DCA-135	-139	-143	-147	
10-DCA-136	-140	-144	-148	
10-DCA-137	-141	-145	-149	
10-DCA-138	-142	-146	-150	

- NOTES**
- NUCLEAR BOILER IS A CLASS I SEISMIC SYSTEM. EXCEPT AS NOTED.
  - STEAM LINES & ASSOCIATED EQUIPMENT ENCLOSED IN BOXES SHALL HAVE PART NOS. CORRESPONDING TO THEIR RESPECTIVE LINE LETTER UNLESS OTHERWISE NOTED. EXAMPLE: XXXX B IS ON LINE B; YYYYY C IS ON LINE C.
  - THE GE MFL NUMBER FOR THIS SYSTEM IS 521.
  - LOCATE PRESSURE TEST POINTS PP 138 A, B, C, D AS CLOSE AS POSSIBLE TO VALVES 1028 C, D, A, B, RESPECTIVELY.
  - THESE INSTRUMENTS ARE IN GE MFL SYSTEM C32, REF 15.
  - TEMPERATURE MAIN STEAM LINE LEAK DETECTION IS SHOWN ON REF. NO. 18. THE INSTRUMENTS ARE INDEXED AS PART OF THIS P&ID (M-41).
  - ALL STEAM LINES SHALL BE CLOPED, WHERE PRACTICAL ALL LIQUID LINES INSIDE THE PRIMARY CONTAINMENT SHALL BE SLOPED.
  - ALL INSTRUMENT PIPING AND TUBING SHALL BE INSTALLED IN ACCORDANCE WITH REF. 18.
  - AIR SAFFIRE WILL NOT CLOSE THIS VALVE AGAINST NORMAL FLOW.
  - THESE INSTRUMENTS ARE IN GE MFL SYSTEM D18, REF. 20 AND ARE LOCATED IN STEAM LINE TUNNEL AS CLOPED AS PRACTICAL TO THE PRIMARY CONTAINMENT.
  - LOCATE THE AS CLOSE AS POSSIBLE TO RPV.
  - STEAM FLOW INSTRUMENT LINES ARE TO BE NUMBERED IN ACCORDANCE WITH TABLE III.
  - THE SAFETY/RELIEF VALVE BONNET VENT SHALL BE PIPED WITH ABOUT 3FT. UNINSULATED PIPE. THE THERMOWELL SHALL BE INSTALLED IN THE PIPE UP AT ITS END. THE PIPE SHALL BE SLOPED DOWN FROM SAFETY/RELIEF VALVE TO PERMIT CONDENSATE DRAINAGE.
  - DRAIN CONNECTION SHOULD BE LOCATED AT LOW POINT.

ALL PIPING DESIGNATED BY IS, AS, SECT. XI (WB), (WC) EXEMPT  
THIS IS IS BASED ON P&ID 8031-M-41 REV. 15

USE THIS DOCUMENT FOR INSERVICE INSPECTION ONLY. BACKGROUND MAY NOT BE CORRECT.

1	CLARIFY EXEMPTION NOTATION	SEE ABOVE
2	UP DATED	SEE ABOVE

DATE: NONE  
 APPROVED: A. BARRIGA  
 CHECKED: Z. CHOW

**BECHTEL**  
SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2  
GENERAL ATOMIC ELECTRIC COMPANY

IS1  
NUCLEAR BOILER

JOB NO. 8031  
 DRAWING NO. 151-M-41  
 REV. 3

8210040259

3. UPDATE AS NOTED PER 151-M-41 REV. 15

RIDS

8210040259

