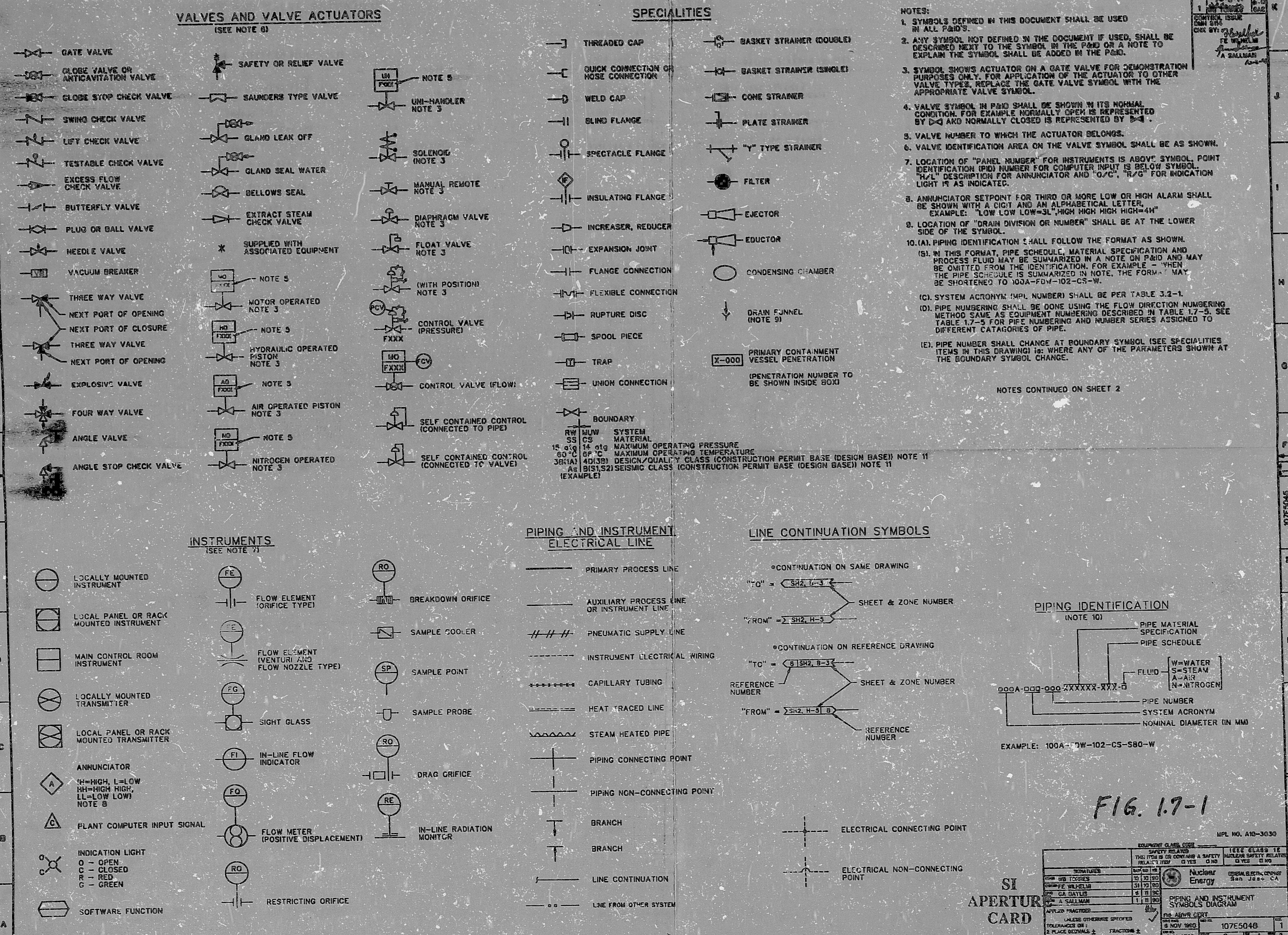

NOTES:

1. SYMBOLS DEFINED IN THIS DOCUMENT SHALL BE USED IN ALL P&ID'S.
2. ANY SYMBOL NOT DEFINED IN THE DOCUMENT IF USED, SHALL BE DESCRIBED NEXT TO THE SYMBOL IN THE P&ID OR A NOTE TO EXPLAIN THE SYMBOL SHALL BE ADDED IN THE P&ID.
3. SYMBOL SHOWS ACTUATOR ON A GATE VALVE FOR DEMONSTRATION PURPOSES ONLY. FOR APPLICATION OF THE ACTUATOR TO OTHER VALVE TYPES, REPLACE THE GATE VALVE SYMBOL WITH THE APPROPRIATE VALVE SYMBOL.
4. VALVE SYMBOL IN P&ID SHALL BE SHOWN IN ITS NORMAL CONDITION. FOR EXAMPLE NORMALLY OPEN IS REPRESENTED BY ⋈ AND NORMALLY CLOSED IS REPRESENTED BY ⧓ .
5. VALVE NUMBER TO WHICH THE ACTUATOR BELONGS.
6. VALVE IDENTIFICATION AREA ON THE VALVE SYMBOL SHALL BE AS SHOWN.
7. LOCATION OF "PANEL NUMBER" FOR INSTRUMENTS IS ABOVE SYMBOL, POINT IDENTIFICATION (PID) NUMBER FOR COMPUTER INPUT IS BELOW SYMBOL. "H/L" DESCRIPTION FOR ANNUNCIATOR AND "O/C", "R/G" FOR INDICATION LIGHT IS AS INDICATED.
8. ANNUNCIATOR SETPOINT FOR THIRD OR MORE LOW OR HIGH ALARM SHALL BE SHOWN WITH A DIGIT AND AN ALPHABETICAL LETTER.
   EXAMPLE: "LOW LOW LOW=3L",HIGH HIGH HIGH HIGH=4H"
9. LOCATION OF "DRAIN DIVISION OR NUMBER" SHALL BE AT THE LOWER SIDE OF THE SYMBOL.
10. (A). PIPING IDENTIFICATION SHALL FOLLOW THE FORMAT AS SHOWN.
    (B). IN THIS FORMAT, PIPE SCHEDULE, MATERIAL SPECIFICATION AND PROCESS FLUID MAY BE SUMMARIZED IN A NOTE ON P&ID AND MAY BE OMITTED FROM THE IDENTIFICATION. FOR EXAMPLE - WHEN THE PIPE SCHEDULE IS SUMMARIZED IN NOTE, THE FORMAT MAY BE SHORTENED TO 100A-FDW-102-CS-W.
    (C). SYSTEM ACRONYM (MPL NUMBER) SHALL BE PER TABLE 3.2-1.
    (D). PIPE NUMBERING SHALL BE DONE USING THE FLOW DIRECTION NUMBERING METHOD SAME AS EQUIPMENT NUMBERING DESCRIBED IN TABLE 1.7-5. SEE TABLE 1.7-5 FOR PIPE NUMBERING AND NUMBER SERIES ASSIGNED TO DIFFERENT CATAGORIES OF PIPE.
    (E). PIPE NUMBER SHALL CHANGE AT BOUNDARY SYMBOL (SEE SPECIALITIES ITEMS IN THIS DRAWING) ie: WHERE ANY OF THE PARAMETERS SHOWN AT THE BOUNDARY SYMBOL CHANGE.

NOTES CONTINUED ON SHEET 2

FIG. 1.7-1

107E5048
A PRELIMINARY
1 WB TORRES
CONTROL ISSUE
DMH 3114
CHK BY: FE WILHELM
A SALLMAN

MPL NO. A10-3030

EQUIPMENT CLASS CODE

SAFETY RELATED
THIS ITEM IS OR CONTAINS A SAFETY RELATED ITEM ☐ YES ☐ NO

IEEE CLASS 1E
NUCLEAR SAFETY RELATED ☐ YES ☐ NO

SIGNATURES	DAY	MO	YR
WB TORRES	15	10	90
FE WILHELM	31	10	90
GA DAYLIS	15	11	90
A SALLMAN	1	11	90

APPLIED PRACTICES
UNLESS OTHERWISE SPECIFIED
TOLERANCES ON:
2 PLACE DECIMALS ± FRACTIONS ±
3 PLACE DECIMALS ± ANGLES ±

Nuclear Energy
GENERAL ELECTRIC COMPANY
San Jose CA

PIPING AND INSTRUMENT SYMBOLS DIAGRAM

FIG ABWR CERT
8 NOV 1990
107E5048
1
DMH 4720
C
SH 1 CONT ON SH 2
DIST TO

SI
APERTURE
CARD

AP-A6385R1

9203060265

PDR RIDS