



SYSTEM - AP

NO.	REFERENCE DRAWING	REV.	DATE
1	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60
2	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60
3	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60
4	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60
5	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60
6	CONDENSATE & REFUELING WATER STORAGE & TRANSFER CONTROL PANEL (C110)	J-49-0	1-2-60

- NOTES**
- BURIED PORTIONS OF LINES 1-1/2" MCD-03 AND 1-1/2" MCD-04 TO BE IN ACCORDANCE WITH THE RELEVANT CODES.
  - THE VALUE 7 SINGLE OUTPUT OF ALL 500 MOTOR WINDING RTDs IS SELECTED FOR MONITORING BY COMPUTER.
  - LINE 1-1/2" MCD-050, 1-1/2" MCD-051, 1-1/2" MCD-052, AND 1-1/2" MCD-053, WHICH EXPOSED TO THE ELEMENTS, SHALL BE DOUBLE INSULATED AND HEAT TRACED BY TWO REDUNDANT HEATING CABLES SUPPLIED BY REDUNDANT NON CLASS I MCC, POWERED BY DIESEL.
  - THIS P&ID CONTAINS SYSTEMS AND PORTIONS OF SYSTEMS:
    - AD - CONDENSATE
    - AK - CONDENSATE DEMINERALIZER
    - AN - DEMINERALIZED WATER MAKE UP, STORAGE & TRANSFER
    - AP - CONDENSATE STORAGE & TRANSFER
    - AR - REFUELING WATER TRANSFER
    - CA - PLANT HEATING
    - CR - APP TURBINE STEAM
  - STAND PIPE - TUBING CONNECTION IS ABOVE THE 65T MIN. WATER LEVEL, FOR 155,000 GAL. THEREFORE AN INVERSE FLOW CHECK VALVE IS NOT REQUIRED.
  - VALVE 1-1/2" V011 WILL BE LOADED OPEN AND VALVE 1-1/2" V012 WILL BE OPENED APPROXIMATELY 30° DURING REACTOR WELL DRAINOUT OPERATION TO PREVENT CAVITATION.
  - VALVE 1-1/2" V013 AND 1-1/2" V014 WILL BE CLOSED DURING NORMAL OPERATIONS.

FOR INFORMATION ONLY

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR CONSTRUCTION	1-2-60	J-49-0
2	REVISION FOR REVISION LIST	1-2-60	J-49-0
3	REVISION FOR REVISION LIST	1-2-60	J-49-0
4	REVISION FOR REVISION LIST	1-2-60	J-49-0
5	REVISION FOR REVISION LIST	1-2-60	J-49-0
6	REVISION FOR REVISION LIST	1-2-60	J-49-0
7	REVISION FOR REVISION LIST	1-2-60	J-49-0
8	REVISION FOR REVISION LIST	1-2-60	J-49-0
9	REVISION FOR REVISION LIST	1-2-60	J-49-0
10	REVISION FOR REVISION LIST	1-2-60	J-49-0

**BECHTEL**  
SAN FRANCISCO

PROCESS DESIGN, ELECTRICAL AND MECHANICAL  
MCCP CASES, GENERATING SYSTEMS

P&ID  
CONDENSATE & REFUELING  
WATER STORAGE & TRANSFER

DATE: 1-2-60  
DRAWN BY: J-49-0

TT  
APERTURE  
CARD

8409180456

PDR RIDS

