



SYSTEM 03

REV. NO.	REFERENCE DRAWINGS	DESCRIPTION	DATE
1	NPCC FUNCTIONAL CONTROL DIAGRAM	REVISED TO REFLECT	11-28-60
2	CONDENSATE STORAGE TANK	REVISED TO REFLECT	11-28-60
3	PLANT LEAK DETECTION	REVISED TO REFLECT	11-28-60
4	CLASSIFICATION	REVISED TO REFLECT	11-28-60
5	ELEMENTARY DIAGRAM	REVISED TO REFLECT	11-28-60

1. Robert W. Henderson III being a duly licensed professional engineer, hereby certifies that the drawings herein were prepared by him or under his direct supervision and that he is a duly licensed professional engineer in the State of California, License No. 12221, and that he is a duly licensed professional engineer in the State of California, License No. 12221, and that he is a duly licensed professional engineer in the State of California, License No. 12221.

- LEVEL TRANSMITTERS LT-105A & 105B ARE SHOWN ON CONDENSATE STORAGE TANK P-10 (1055-M-08-0).
- THE QEMPL NUMBER FOR THIS SYSTEM IS E-41.
- TEMPERATURE LEAK DETECTION FOR THIS SYSTEM IS SHOWN ON PLANT LEAK DETECTION P-10 (1055-M-08-0).
- THIS P&ID COATING SYSTEMS OR PORTIONS OF SYSTEMS:
 - AD - CONDENSATE
 - AP - CONDENSATE STORAGE TRANSFER
 - BF - CONTROL ROD DRIVE HYDRAULIC SUPPLY
 - BT - HIGH PRESSURE COOLANT INJECTION
 - FD - HIGH TURBINE STEAM
 - AB - MAIN STEAM
 - AC - FEEDWATER
 - BE - CORE SPRAY
 - CP - PRIMARY CONTAINMENT LEAKAGE RATE TESTING
- DETAILS OF THIS ARE SHOWN ON VENDOR DRAWINGS, ISOMETRICS, AND INSTALLATION DETAILS.
- LINES FD-1-CCA (10 THRU 013) HAVE CONDENSING CHAMBERS.
- DELETED.
- SEE CIVIL DRAWING 1055-M-08-0 (2) FOR THE PRESSURE RATING MATERIAL & CODE CLASS OF PIPING INSIDE THE PRESSURE CHAMBER.
- EXCESS FLOW VALVE (EFV) IS A RESET SWITCHES ARE LOCATED ON PANELS AS NOTED. ALARMS AND INTERLOCKS ARE TO BE ADMINISTERED FROM THE CONTROL ROOM. SEE REF. A.
- THE CONTENTS OF THIS DOCUMENT WERE REVISIONS TO THE ORIGINAL WITH RELATED CHANGES TO SUPPRESSION CHAMBER LEVEL INSTRUMENTATION AS NOTED IN ITEM 4 OF THE LIST OF REVISIONS. REVISION 2 TO THE DOCUMENT IS A CHANGE TO THE SUPPRESSION CHAMBER FLOW SPLIT PLANGES TO BE PROVIDED WITH THIS FOR VERIFICATION OF FLOW SPLIT DURING STARTUP. STARTUP INSTRUMENTATION WILL BE REQUIRED TO VERIFY FLOW OF 2600 GPM ± 4%.
- VALVE OPERATOR (V-003) SHOULD HAVE ITS BREAKER LOCKED IN THE OFF POSITION WITH THE VALVE CLOSED DURING NORMAL PLANT OPERATION AND ADMINISTRATIVELY CONTROLLED DURING TESTING.

POOR ORIGINAL FOR INFORMATION ONLY

NO.	DESCRIPTION	DATE	BY	CHKD.
1	REVISION FOR REV. 1055-M-08-0	11-28-60	J. LINDSEY	
2	INCORPORATED DCH # 8	11-28-60	J. LINDSEY	
3	INCORPORATED DCH # 9	11-28-60	J. LINDSEY	
4	INCORPORATED DCH # 10	11-28-60	J. LINDSEY	
5	INCORPORATED DCH # 11	11-28-60	J. LINDSEY	
6	INCORPORATED DCH # 12	11-28-60	J. LINDSEY	
7	INCORPORATED DCH # 13	11-28-60	J. LINDSEY	
8	INCORPORATED DCH # 14	11-28-60	J. LINDSEY	
9	INCORPORATED DCH # 15	11-28-60	J. LINDSEY	
10	INCORPORATED DCH # 16	11-28-60	J. LINDSEY	
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12	INCORPORATED DCH # 18	11-28-60	J. LINDSEY	
13	INCORPORATED DCH # 19	11-28-60	J. LINDSEY	
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BERNICE
SAN FRANCISCO
PUBLIC SERVICE TESTING AND OBS. COMPANY
HOPE CREEK OBS. TESTING STATION
FIELD HIGH PRESSURE COOLANT INJECTION
JOB NO. M-55-111-0

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PDR RIDS

