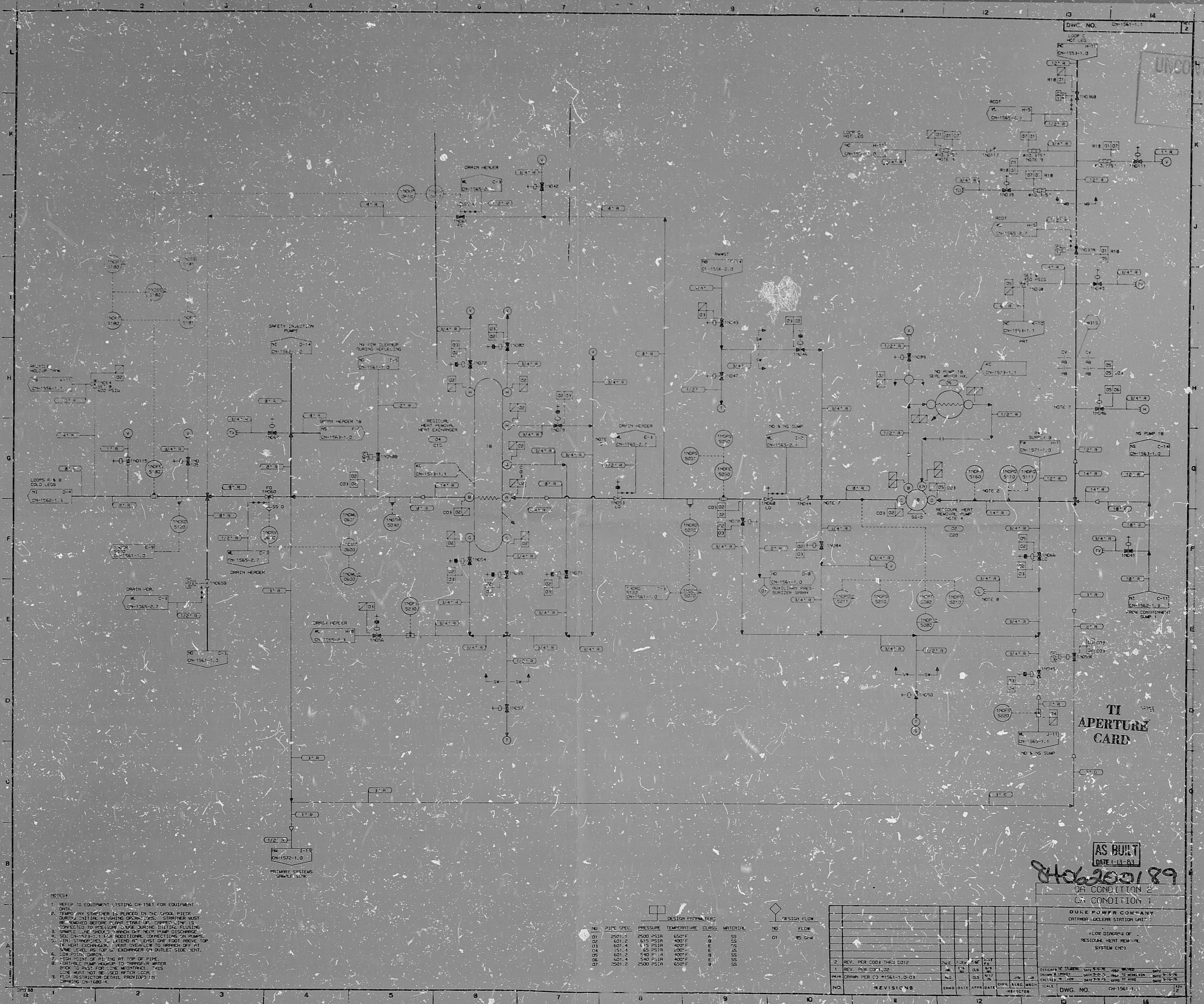




- NOTES:
1. REFER TO EQUIPMENT LISTING ON 1561 FOR EQUIPMENT DATA.
 2. TANKS AND VESSELS ARE PLACED IN THE COOL PIPES DURING INITIAL HEATING. DRAINAGE MUST BE REMOVED BEFORE STARTING. COOLING LINE IS CONNECTED TO PRESSURE COOLING DURING INITIAL PLACING.
 3. COOLING LINE SHOULD BE OPENED AT THE PUMP DISCHARGE.
 4. SEE CH-1561-1.1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
 5. COOLING LINE SHOULD BE OPENED AT THE PUMP DISCHARGE TOP OF HEAT EXCHANGER. VENT OVERFLOW TO BRANCH OFF AT SAME LEVEL AS TOP OF EXCHANGER ON OUTLET SIDE VENT.
 6. LOW POINT DRAIN.
 7. TOP POINT OF PIPE IS AT TOP OF PIPE.
 8. PORTABLE PUMP HOOKUP TO TRANSFER WATER FROM COOLING TO THE MAINLINE.
 9. THIS MUST NOT BE USED AFTER LOCK.
 10. ALL INSTRUCTIONS DETAIL FROM 1561-1.1 DRAWING CH-1561-1.1.

DESIGN DATA					
NO.	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	2501-1	2500 PSIA	650°F	A	SS
02	601-2	615 PSIA	400°F	B	SS
03	601-4	615 PSIA	400°F	B	SS
04	601-1	615 PSIA	400°F	B	SS
05	601-2	540 PSIA	400°F	B	SS
06	601-4	540 PSIA	400°F	B	SS
07	2501-2	2500 PSIA	650°F	B	SS

DESIGN FLOW

01 85 GPM

NO.	REVISIONS	CHG. DATE	APP. DATE	BY	CHK. DATE	BY	CHK. DATE	BY	CHK. DATE
1	REV. PER CODE THRU CODE								
2	REV. PER CODE THRU CODE								
3	REV. PER CODE THRU CODE								
4	REV. PER CODE THRU CODE								
5	REV. PER CODE THRU CODE								
6	REV. PER CODE THRU CODE								
7	REV. PER CODE THRU CODE								
8	REV. PER CODE THRU CODE								
9	REV. PER CODE THRU CODE								
10	REV. PER CODE THRU CODE								
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12	REV. PER CODE THRU CODE								
13	REV. PER CODE THRU CODE								
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16	REV. PER CODE THRU CODE								
17	REV. PER CODE THRU CODE								
18	REV. PER CODE THRU CODE								
19	REV. PER CODE THRU CODE								
20	REV. PER CODE THRU CODE								

AS BUILT
DATE 1-13-83
8406200189
OF CONDITION 2
ON CONDITION 1
DUKE POWER COMPANY
CATHAM JACOBSON STATION UNIT 1
FLOW DIAGRAM OF
RESIDUAL HEAT REMOVAL
SYSTEM (N2)
DWG. NO. CH-1561-1.1

PDR RIDS

8406200189

