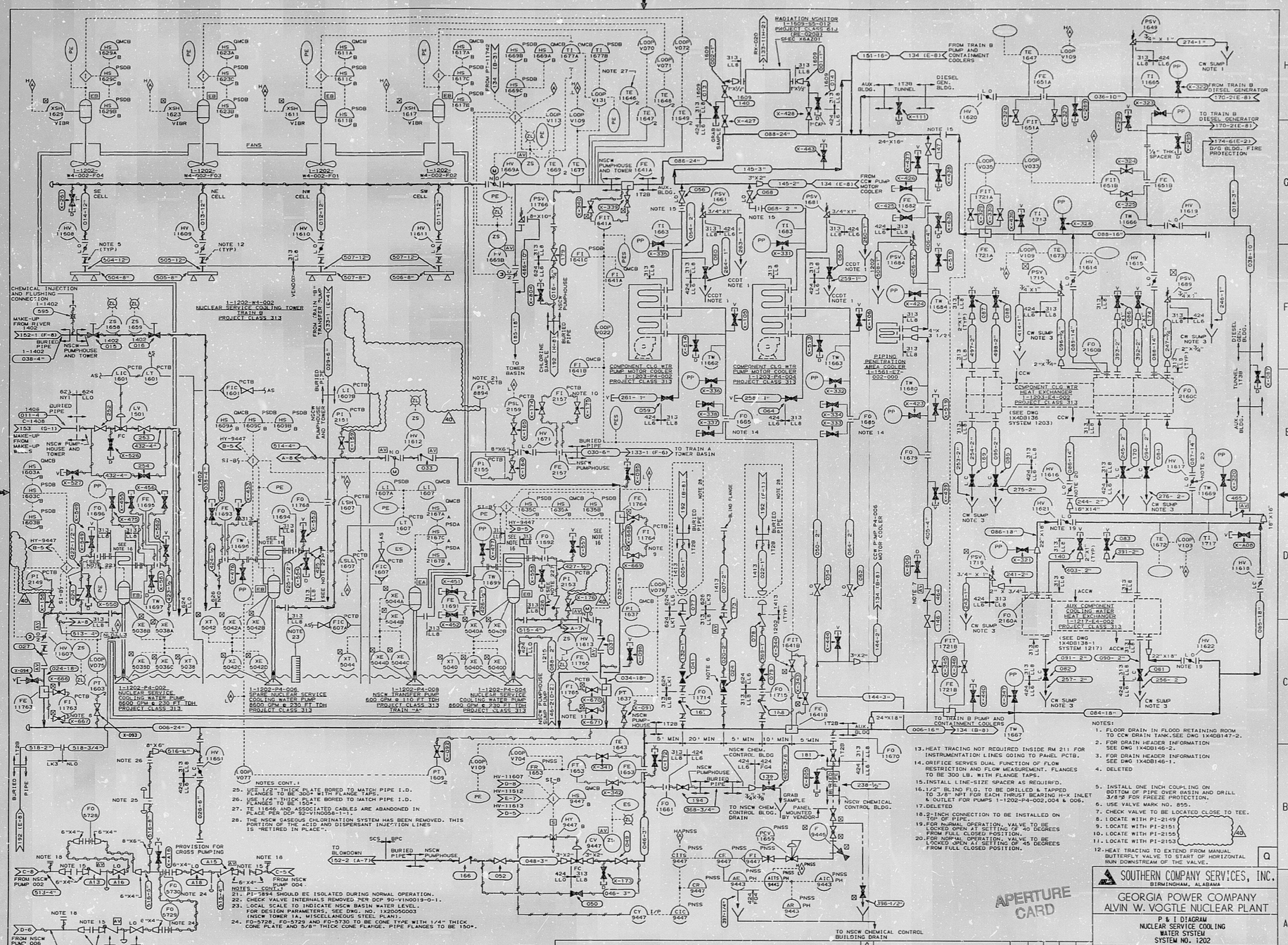
NUCLEAR SERVICE COOLING TOWER TRAIN B
PROJECT CLASS 313
COMPONENT CLG WTR PUMP MOTOR COOLER
COMPONENT CLG WTR HEAT EXCHANGER
AUX COMPONENT COOLING WATER HEAT EXCHANGER
PIPING PENETRATION AREA COOLER
NUCLEAR SERVICE COOLING WATER PUMP
SPARE NUCLEAR SERVICE COOLING WATER PUMP
NSCW TRANSFER PUMP
NSCW PUMPHOUSE AND TOWER
CHEMICAL INJECTION AND FLUSHING CONNECTION
FANS
NOTES:
1. FLOOR DRAIN IN FLOOD RETAINING ROOM TO CCW DRAIN TANK. SEE DWG 1X4DB147-2.
2. FOR DRAIN HEADER INFORMATION SEE DWG 1X4DB146-2.
3. FOR DRAIN HEADER INFORMATION SEE DWG 1X4DB146-1.
4. DELETED
5. INSTALL ONE INCH COUPLING ON BOTTOM OF PIPE OVER BASIN AND DRILL 3/8" FOR FREEZE PROTECTION.
6. USE VALVE MARK NO. 855.
7. CHECK VALVE TO BE LOCATED CLOSE TO TEE.
8. LOCATE WITH PI-2149
9. LOCATE WITH PI-2151
10. LOCATE WITH PI-2155
11. LOCATE WITH PI-2153
12. HEAT TRACING TO EXTEND FROM MANUAL BUTTERFLY VALVE TO START OF HORIZONTAL RUN DOWNSTREAM OF THE VALVE.
13. HEAT TRACING NOT REQUIRED INSIDE RM 211 FOR INSTRUMENTATION LINES GOING TO PANEL PCTB.
14. ORIFICE SERVES DUAL FUNCTION OF FLOW RESTRICTION AND FLOW MEASUREMENT. FLANGES TO BE 300 LB. WITH FLANGE TAPS.
15. INSTALL LINE-SIZE SPACER AS REQUIRED.
16. 1/2" BLIND FLG. TO BE DRILLED & TAPPED TO 3/8" NPT FOR EACH THRUST BEARING H-X INLET & OUTLET FOR PUMPS 1-1202-P4-002,004 & 006.
17. DELETED
18. 2-INCH CONNECTION TO BE INSTALLED ON TOP OF PIPE.
19. FOR NORMAL OPERATION, VALVE TO BE LOCKED OPEN AT SETTING OF 40 DEGREES FROM FULL CLOSED POSITION.
20. FOR NORMAL OPERATION, VALVE TO BE LOCKED OPEN A/F SETTING OF 45 DEGREES FROM FULL CLOSED POSITION.
NOTES CONT.:
25. USE 1/2" THICK PLATE BORED TO MATCH PIPE I.D. FLANGES TO BE 300# WITH FLANGE TAPS.
26. USE 1/2" THICK PLATE BORED TO MATCH PIPE I.D. FLANGES TO BE 150#.
27. TE 11646 AND ASSOCIATED CABLES ARE ABANDONED IN PLACE PER DCP 92-VAN0058-1-1.
28. THE NSCW GASEOUS CHLORINATION SYSTEM HAS BEEN REMOVED. THIS PORTION OF THE ACID AND DISPERSANT INJECTION LINES IS "RETIRED IN PLACE".
NOTES CONT.:
21. PI-2894 SHOULD BE ISOLATED DURING NORMAL OPERATION.
22. CHECK VALVE INTERNALS REMOVED PER DCP 90-VIN0019-0-1.
23. LOCAL SCALE TO INDICATE NSCW BASIN WATER LEVEL. FOR DESIGN PARAMETERS, SEE DWG. NO. 1X20050003 (NSCW TOWER 1A, MISCELLANEOUS STEEL PLAN).
24. FO-5728, FO-5729 AND FO-5730 TO BE CONE TYPE WITH 1/4" THICK CONE PLATE AND 5/8" THICK CONE FLANGE. PIPE FLANGES TO BE 150#.
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NO. REVISIONS DATE DR CHK APPV DTL
INCORPORATED PER DCP 95-VAN0034 4-18-95 JVL GLB MWD
ISSUED FOR CONSTRUCTION SEE W ORDER FOR SIGNATURES
SOUTHERN COMPANY SERVICES, INC.
BIRMINGHAM, ALABAMA
GEORGIA POWER COMPANY
ALVIN W. VOGTLE NUCLEAR PLANT
P & I DIAGRAM
NUCLEAR SERVICE COOLING WATER SYSTEM
SYSTEM NO. 1202
SCALE: NONE
DRAWING NO. 1X4DB133-2
REV. 40
JOB NO. 10604
SIZE E 34X44
CAD NAME 14DB1332
APERTURE CARD

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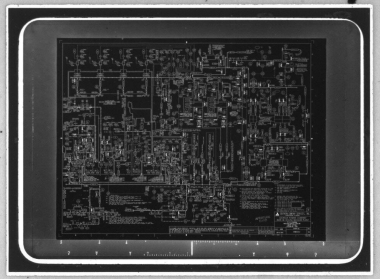
PDR RIDS



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