



ANSTEC APERTURE CARD

50-269
9502230291
2/1/95

PIP 4-031-0059

9502230291

INFORMATION ONLY

- NOTES:
1. OPERATING MODE REPRESENTED BY BOLD LINES: ONE HP1 PUMP SUPPLYING RC SEAL INJECTION & MAKEUP FLOW.
 2. ADDED PIPING & VALVES TO ENABLE ALIGNMENT OF LETDOWN FILTER 3A UPSTREAM OF PURIFICATION DEMINERALIZER.
 3. NORMALLY ONLY ONE LETDOWN FILTER IS ALLOWED FOR SERVICE.
 4. 1/2" THRU 4" SCH. 40
 5. 1/2" THRU 6" SCH. 40
 6. 1/2" THRU 8" SCH. 40
 7. 1/2" THRU 12" SCH. 40
 8. 1/2" THRU 2" SCH. 40
 9. 1/2" THRU 18" SCH. 40
 10. 1/2" THRU 12" SCH. 40
 11. THE ORIGINAL ISSUE OF THIS DRAWING IS BASED ON PD-101A-3. REV. 21 & PD-101B-3. REV. 37
 12. VALVE 3P-22 WILL NOT OPERATE - AIR SUPPLY DISCONNECTED.

LINE NO.	DUKE CLASS	DESIGN PRESS.	DESIGN TEMP.	ISI CLASS	MATERIAL	PIPE SPEC. NO.	PIPE SCH. NO.
1	B	3048/3128 PSIG	288F/188F	B	SS	1581.2	NOTE 4
2	B	300 PSIG	288F	B	SS	301.2	NOTE 5
3	C	150 PSIG	288F	C	SS	151.3	NOTE 6
4	C	150 PSIG	288F	C	SS	151.3	NOTE 7
5	C	150 PSIG	288F	C	SS	151.3	NOTE 8
6	C	150 PSIG	288F	C	SS	151.4	NOTE 9
7	C	150 PSIG	288F	C	SS	151.4	NOTE 10
8	C	150 PSIG	288F	C	SS	151.4	NOTE 11
9	C	150 PSIG	288F	C	SS	151.4	NOTE 12
10	C	150 PSIG	288F	C	SS	151.4	NOTE 13
11	C	150 PSIG	288F	C	SS	151.4	NOTE 14
12	C	150 PSIG	288F	C	SS	151.4	NOTE 15
13	C	150 PSIG	288F	C	SS	151.4	NOTE 16
14	C	150 PSIG	288F	C	SS	151.4	NOTE 17
15	C	150 PSIG	288F	C	SS	151.4	NOTE 18
16	C	150 PSIG	288F	C	SS	151.4	NOTE 19
17	C	150 PSIG	288F	C	SS	151.4	NOTE 20
18	C	150 PSIG	288F	C	SS	151.4	NOTE 21
19	C	150 PSIG	288F	C	SS	151.4	NOTE 22
20	C	150 PSIG	288F	C	SS	151.4	NOTE 23
21	C	150 PSIG	288F	C	SS	151.4	NOTE 24
22	C	150 PSIG	288F	C	SS	151.4	NOTE 25
23	C	150 PSIG	288F	C	SS	151.4	NOTE 26
24	C	150 PSIG	288F	C	SS	151.4	NOTE 27
25	C	150 PSIG	288F	C	SS	151.4	NOTE 28
26	C	150 PSIG	288F	C	SS	151.4	NOTE 29
27	C	150 PSIG	288F	C	SS	151.4	NOTE 30
28	C	150 PSIG	288F	C	SS	151.4	NOTE 31
29	C	150 PSIG	288F	C	SS	151.4	NOTE 32
30	C	150 PSIG	288F	C	SS	151.4	NOTE 33
31	C	150 PSIG	288F	C	SS	151.4	NOTE 34
32	C	150 PSIG	288F	C	SS	151.4	NOTE 35
33	C	150 PSIG	288F	C	SS	151.4	NOTE 36
34	C	150 PSIG	288F	C	SS	151.4	NOTE 37
35	C	150 PSIG	288F	C	SS	151.4	NOTE 38
36	C	150 PSIG	288F	C	SS	151.4	NOTE 39
37	C	150 PSIG	288F	C	SS	151.4	NOTE 40
38	C	150 PSIG	288F	C	SS	151.4	NOTE 41
39	C	150 PSIG	288F	C	SS	151.4	NOTE 42
40	C	150 PSIG	288F	C	SS	151.4	NOTE 43
41	C	150 PSIG	288F	C	SS	151.4	NOTE 44
42	C	150 PSIG	288F	C	SS	151.4	NOTE 45
43	C	150 PSIG	288F	C	SS	151.4	NOTE 46
44	C	150 PSIG	288F	C	SS	151.4	NOTE 47
45	C	150 PSIG	288F	C	SS	151.4	NOTE 48
46	C	150 PSIG	288F	C	SS	151.4	NOTE 49
47	C	150 PSIG	288F	C	SS	151.4	NOTE 50
48	C	150 PSIG	288F	C	SS	151.4	NOTE 51
49	C	150 PSIG	288F	C	SS	151.4	NOTE 52
50	C	150 PSIG	288F	C	SS	151.4	NOTE 53
51	C	150 PSIG	288F	C	SS	151.4	NOTE 54
52	C	150 PSIG	288F	C	SS	151.4	NOTE 55
53	C	150 PSIG	288F	C	SS	151.4	NOTE 56
54	C	150 PSIG	288F	C	SS	151.4	NOTE 57
55	C	150 PSIG	288F	C	SS	151.4	NOTE 58
56	C	150 PSIG	288F	C	SS	151.4	NOTE 59
57	C	150 PSIG	288F	C	SS	151.4	NOTE 60
58	C	150 PSIG	288F	C	SS	151.4	NOTE 61
59	C	150 PSIG	288F	C	SS	151.4	NOTE 62
60	C	150 PSIG	288F	C	SS	151.4	NOTE 63
61	C	150 PSIG	288F	C	SS	151.4	NOTE 64
62	C	150 PSIG	288F	C	SS	151.4	NOTE 65
63	C	150 PSIG	288F	C	SS	151.4	NOTE 66
64	C	150 PSIG	288F	C	SS	151.4	NOTE 67
65	C	150 PSIG	288F	C	SS	151.4	NOTE 68
66	C	150 PSIG	288F	C	SS	151.4	NOTE 69
67	C	150 PSIG	288F	C	SS	151.4	NOTE 70
68	C	150 PSIG	288F	C	SS	151.4	NOTE 71
69	C	150 PSIG	288F	C	SS	151.4	NOTE 72
70	C	150 PSIG	288F	C	SS	151.4	NOTE 73
71	C	150 PSIG	288F	C	SS	151.4	NOTE 74
72	C	150 PSIG	288F	C	SS	151.4	NOTE 75
73	C	150 PSIG	288F	C	SS	151.4	NOTE 76
74	C	150 PSIG	288F	C	SS	151.4	NOTE 77
75	C	150 PSIG	288F	C	SS	151.4	NOTE 78
76	C	150 PSIG	288F	C	SS	151.4	NOTE 79
77	C	150 PSIG	288F	C	SS	151.4	NOTE 80
78	C	150 PSIG	288F	C	SS	151.4	NOTE 81
79	C	150 PSIG	288F	C	SS	151.4	NOTE 82
80	C	150 PSIG	288F	C	SS	151.4	NOTE 83
81	C	150 PSIG	288F	C	SS	151.4	NOTE 84
82	C	150 PSIG	288F	C	SS	151.4	NOTE 85
83	C	150 PSIG	288F	C	SS	151.4	NOTE 86
84	C	150 PSIG	288F	C	SS	151.4	NOTE 87
85	C	150 PSIG	288F	C	SS	151.4	NOTE 88
86	C	150 PSIG	288F	C	SS	151.4	NOTE 89
87	C	150 PSIG	288F	C	SS	151.4	NOTE 90
88	C	150 PSIG	288F	C	SS	151.4	NOTE 91
89	C	150 PSIG	288F	C	SS	151.4	NOTE 92
90	C	150 PSIG	288F	C	SS	151.4	NOTE 93
91	C	150 PSIG	288F	C	SS	151.4	NOTE 94
92	C	150 PSIG	288F	C	SS	151.4	NOTE 95
93	C	150 PSIG	288F	C	SS	151.4	NOTE 96
94	C	150 PSIG	288F	C	SS	151.4	NOTE 97
95	C	150 PSIG	288F	C	SS	151.4	NOTE 98
96	C	150 PSIG	288F	C	SS	151.4	NOTE 99
97	C	150 PSIG	288F	C	SS	151.4	NOTE 100
98	C	150 PSIG	288F	C	SS	151.4	NOTE 101
99	C	150 PSIG	288F	C	SS	151.4	NOTE 102
100	C	150 PSIG	288F	C	SS	151.4	NOTE 103

NO.	REVISIONS	DRN	DATE	CHNG	DATE	APPR	DATE	CIVIL	ELEC.	MECH.	SCALE	DWG. NO.	OFD-101A-3.2
14	REV. PER NSM ON 32879/86, PT. A.1.	JMF	8-17-86	ADD	2-11-86	WJM	11/18/86						
	IMP. DATE 2-17-94												
	ORIG ORIGINAL DRAWING RETIRED	JMF	2-17-94										

QA CONDITION 1
QA CONDITION 2

DUKE POWER COMPANY
OCONEE NUCLEAR STATION UNIT 3

FLOW DIAGRAM OF
HIGH PRESSURE
INJECTION SYSTEM
(STORAGE SECTION)