



ANSTEC APERTURE CARD

9502230257

INFORMATION ONLY

QA CONDITION 2

QA CONDITION 1

- NOTES:
- OPERATING MODE REPRESENTED BY BOLD LINES. ONE HP1 PUMP SUPPLYING R.C. PUMP SEAL INJECTION & MAKEUP FLOW. SHOWN WITH PUMP A RUNNING, PUMP B ON AUTOMATIC AND PUMP C OFF.
 - PROVIDE MINIMUM 12" STRAIGHT PIPE AT OUTLET.
 - 1/2" THRU 4" SCH. = 100
 - 1/2" THRU 6" SCH. = 40
 - 1" THRU 10" SCH. = 20
 - 1" THRU 12" SCH. = 100
 - 2" THRU 12" SCH. = 40
 - 2 1/2" THRU 12" SCH. = 100
 - 14" THRU 18" SCH. = 10
 - THE ORIGINAL ISSUE OF THIS DRAWING IS BASED ON PD-101A-1, REV. 27 & PD-101B-1, REV. 26.

LINE NO.	ISI CLASS	DESIGN PRESS.	DESIGN TEMP.	DUKE CLASS	MATERIAL	PIPE SPEC. NO.	PIPE SCH. NO.
1	B	3040/3120	280/150	B	SS	1501.2	NOTE 3
5	B	350	280	B	SS	301.2	NOTE 4
15	C	150	280	C	SS	151.3	NOTE 5
27	-	350	280	-	SS	301.4	NOTE 6
28	-	3040/3120	280/150	-	SS	1501.4	NOTE 6
30	-	3040/3120	280/150	-	SS	1501.3	NOTE 3
33	-	350	280	-	SS	301.3	NOTE 4
47	-	3040/3120	280/150	-	SS	1501.3	NOTE 3

DESIGN FLOW

NO.	FLOW	REV.	DATE	CHKD.	DATE	APPR.	DATE	CIVIL	ELEC.	MECH.	SCALE
6	REV. PER OE-6335 & OE-6336	REV.	JMF 9-10-88	APR	9-10-88	APR	9-10-88				
5	REV. PER ED EXEMPTION D.6	REV.	RBC 8-11-88	TEH	8-11-88	SLN	8-11-88	GLA	NET	RSI	
4	REV. PER ONPR-3502	REV.	DCL 8-29-88	RBC	8-29-88	RLB	8-29-88	GLA	NET	RSI	
3	REV. PER ONPR-3451 & NSM ON-12589/86	IMP. DT.	9-23-91	JMF 9-23-91	JMF 9-23-91	RLB 9-23-91	RLB 9-23-91	GLA	NET	KLD	
2	ORIGINAL DRAWING RETIRED	REV.	DCL 8-7-88								

DUKE POWER COMPANY
OCONEE NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF
HIGH PRESSURE
INJECTION SYSTEM
(CHARGING SECTION)

DESIGNER: C. W. MILLER, DATE 11-12-88
DRAWN: E. D. MOYLE, DATE 11-12-88
CHECKED: J. B. STRINGER, DATE 11-21-88
APP. R. F. MARSHALL, DATE 12-20-88

DWG. NO. OFD-101A-1.3