



- NOTES:
- THE ISI EXEMPT BOUNDARIES SHOWN ON THIS DRAWING ARE EXEMPTED BECAUSE THEY SERVE NO SAFETY FUNCTION AS DETERMINED BY SITE ENGINEERING.
 - THE CLASS B BOUNDARY IS FOR R1 SEGMENT NC-89B.

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NC001	PS 2501.1	2485 PSIG	650 F	A	SS
NC002	PS 2501.2	2485 PSIG	650 F	B	SS
NC003	PS 2501.1	2485 PSIG	650 F	A	SS
NC006	PS 2501.1	2485 PSIG	650 F	A	SS
NC007	PS 2501.1	2485 PSIG	650 F	A	SS
NC008	PS 2501.2	2485 PSIG	650 F	B	SS
NC009	PS 2501.4	50 PSIG	400 F	E	SS
NC014	PS 601.4	500 PSIG	650 F	E	SS
NC021	PS 151.4	100 PSIG	200 F	E	SS
NC027	PS 2501.4	2485 PSIG	650 F	E	SS
NC038	PS 2501.4	2485 PSIG	650 F	E	SS
NC039	PS 2501.2	2485 PSIG	650 F	B	SS
NC040	PS 151.4	100 PSIG	200 F	E	SS
WL43	TS 2701.1	100 PSIG	200 F	E	ST
WL69	PS 2501.4	2485 PSIG	200 F	E	SS

S-S-S
STANDBY SHUTDOWN SYSTEM

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- ZONE BOUNDARY

REFERENCE FLOW DIAGRAM
MCFD-1553-01.00 REV. 5
ERN:MC009AV7

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO.	R1 SEGMENT NO.
CLASS A SYSTEM	INC-87BL-A	LEAKAGE	N/A	NC-18, NC-19, NC-28, NC-21, NC-23, NC-86, NC-89
CLASS B SYSTEM	INC-87BL-A	LEAKAGE	N/A	NC-98

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	W A I V E D	INSPECTED
1	RELEASED FOR ISUSE ONLY	TDM	5-9-01	JMB	5-9-01	RKR	5-9-01		

QA CONDITION 1 AND 2			
DUKE POWER COMPANY MCGUIRE NUCLEAR STATION UNIT 1			
ASME SECTION XI INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF REACTOR COOLANT SYSTEM (NC)			
DESIGNER	TIM MYERS	DATE	5-9-01
DRAWN	TIM MYERS	DATE	5-9-01
CHECKED	SM BOUHAN	DATE	5-9-01
APPR.	B. KEVIN RYNE	DATE	5-9-01
SCALE			
DWG. NO.	MC-ISIL-1553-01.00		

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