



NOTES:
1. THE ISI EXEMPT BOUNDARIES SHOWN ON THIS DRAWING ARE EXEMPTED BECAUSE THEY SERVE NO SAFETY FUNCTION AS DETERMINED BY SITE ENGINEERING.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
GN4A	PS 150.4	150 PSIG	120 F	G	CS
NC07	PS 2501.1	2485 PSIG	650 F	A	SS
NC09	PS 2501.4	50 PSIG	400 F	E	SS
NC10	PS 2501.2	2485 PSIG	650 F	B	SS
NC14	PS 601.4	500 PSIG	470 F	E	SS
NC15	PS 151.2	150 PSIG	350 F	B	SS
NC16	PS 151.4	150 PSIG	383 F	E	SS
NC17	PS 151.3	150 PSIG	200 F	C	SS
NC18	PS 151.4	150 PSIG	200 F	E	SS
NC19	PS 151.2	150 PSIG	250 F	B	SS
NC20	PS 151.4	150 PSIG	200 F	E	SS
NC21	PS 151.4	100 PSIG	200 F	E	SS
NC22	PS 151.4	150 PSIG	100 F	E	SS
NC23	PS 151.2	150 PSIG	250 F	B	SS
NC24	PS 151.4	150 PSIG	200 F	E	SS
NC25	PS 151.4	100 PSIG	200 F	E	SS
NC26	PS 151.4	50 PSIG	200 F	E	SS
NC28	PS 601.4	650 PSIG	500 F	E	SS
WL01	PS 151.4	100 PSIG	200 F	E	SS
WL09	PS 151.4	50 PSIG	200 F	E	SS

LEGEND

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

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.

S-S-S
STANDBY SHUTDOWN SYSTEM

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)

REFERENCE FLOW DIAGRAM
MCFD-1553-02.01 REV. 3
ERN:MCO09AV8

ORIG	RELEASED FOR ISUSE ONLY	TDM	5-8-01	JMB	5-7-01	RKR	5-9-01	W A I V E D	DRAWN	TIM MYERS	DATE	5-8-01	INSP.	WAIVED	DATE	5-9-01	
									CHECKED	JIM BOUGHMAN	DATE	5-7-01	APPR.	R. KEVIN RHYNE	DATE	5-9-01	
NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC	MECH	SCALE	DWG. NO. MC-ISIL-1553-02.01					REV