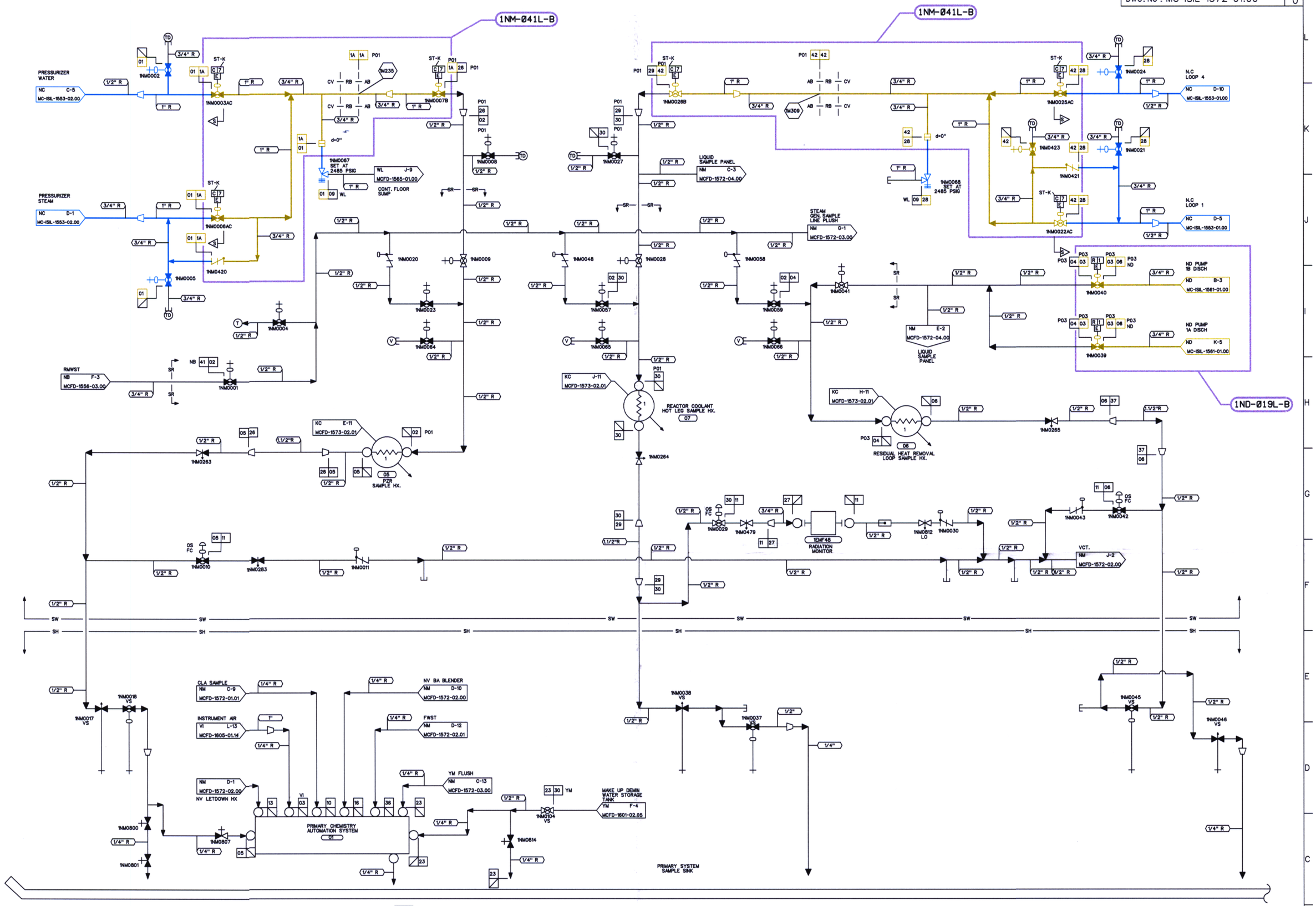
DWG. NO . MC-ISIL-1572-01.00 REV 0



NOTES:

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

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1ND-019L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1NM-041L-B	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NB41	PS 151.4	30 PSIG	100 F	E	SS
ND06	PS 601.2	600 PSIG	350 F	B	SS
NM01	PS 2501.2	2485 PSIG	670 F	B	SS
NM02	TS 2701.1	2485 PSIG	670 F	E	ST
NM03	PS 601.2	600 PSIG	350 F	B	SS
NM04	TS 2701.1	600 PSIG	350 F	E	ST
NM05	TS 2701.1	2485 PSIG	670 F	E	ST
NM06	TS 2701.1	600 PSIG	350 F	E	ST
NM10	TS 2701.1	700 PSIG	300 F	E	ST
NM11	TS 2701.1	150 PSIG	200 F	E	ST
NM13	TS 2701.1	255 PSIG	150 F	E	ST
NM16	TS 2701.1	150 PSIG	175 F	E	ST
NM1A	PS 2501.2	2485 PSIG	670 F	B	SS
		2685 PSIG	250 F		
NM23	TS 2701.1	150 PSIG	120 F	G	ST
NM26	PS 2501.4	2485 PSIG	670 F	E	SS
NM27	PS 151.4	150 PSIG	200 F	E	SS
NM28	PS 2501.2	2485 PSIG	650 F	B	SS
NM29	PS 2501.4	2485 PSIG	650 F	E	SS
NM30	TS 2701.1	2485 PSIG	650 F	E	ST
NM36	TS 2701.1	150 PSIG	114 F	E	ST
NM37	PS 601.4	600 PSIG	350 F	E	SS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NM42	PS 2501.2	2485 PSIG	650 F	B	SS
		2685 PSIG	250 F		
VI03	PS 154.1	115 PSIG	105 F	G	GS
WL09	PS 151.4	50 PSIG	200 F	E	SS

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI 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

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG	RELEASED FOR ISI USE ONLY	TDM	5-8-01	JMB	5-7-01	RKR	5-9-01

WAIVED — CIVIL, ELEC., MECH — INSPECTED

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI

INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF NUCLEAR SAMPLING SYSTEM (NM)

DESIGNER	TIM MYERS	DATE	5-8-01	INSP	WAIVED	DATE	—
DRAWN	TIM MYERS	DATE	5-8-01	INSP	WAIVED	DATE	—
CHECKED	WM BOUGHMAN	DATE	5-7-01	APPR	R. KEVIN RHYNE	DATE	5-9-01

SCALE — DWG. NO . MC-ISIL-1572-01.00 — REV 0

REFERENCE FLOW DIAGRAM
MCFD-1572-01.00 REV. 0
ERN: MC009AW2

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