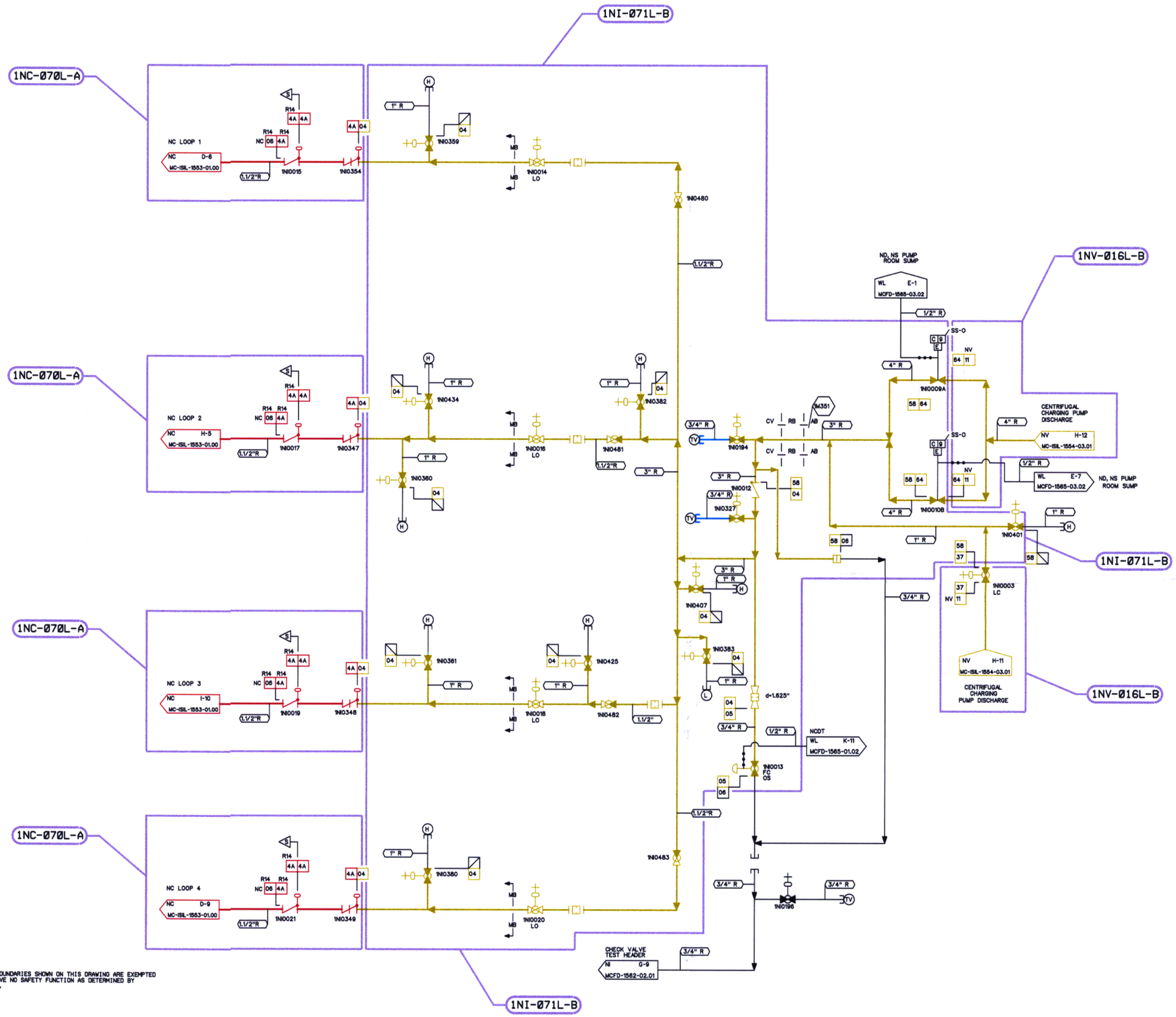

NOTES:

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

S-S-S
STANDBY SHUTDOWN SYSTEM

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS A SYSTEM	1NC-070L-A	LEAKAGE	N/A	NI-068, NI-069, NI-070, NI-071,
CLASS B SYSTEM	1NI-071L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1NV-016L-B	LEAKAGE	N/A	NV-011A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
NC06	PS 2501.1	2485 PSIG	650 F	A	SS
NI04	PS 2501.2	2485 PSIG	650 F	B	SS
NI05	PS 2501.2	2485 PSIG	650 F	B	SS
NI06	PS 2501.4	2485 PSIG	650 F	E	SS
NI37	PS 2501.2	2735 PSIG	250 F	B	SS
NI44	PS 2501.1	2485 PSIG	650 F	A	SS
NI58	PS 2501.2	2485 PSIG	250 F	B	SS
NI64	PS 2501.2	2735 PSIG	250 F	B	SS
NV11	PS 1501.2	2735 PSIG	189 F	B	SS
WL35	TS 2701.1	50 PSIG	200 F	E	ST
WL43	TS 2701.1	100 PSIG	200 F	E	ST

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.

REFERENCE FLOW DIAGRAM
MCFD-1562-01.00 REV. 2
ERN:MC009AVO

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

W A I V E D INSPECTED: CIVIL ELEC. MECH

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF SAFETY INJECTION SYSTEM (NI)

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

SCALE — DWG .NO . MC-ISIL-1562-01.00 REV 0

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