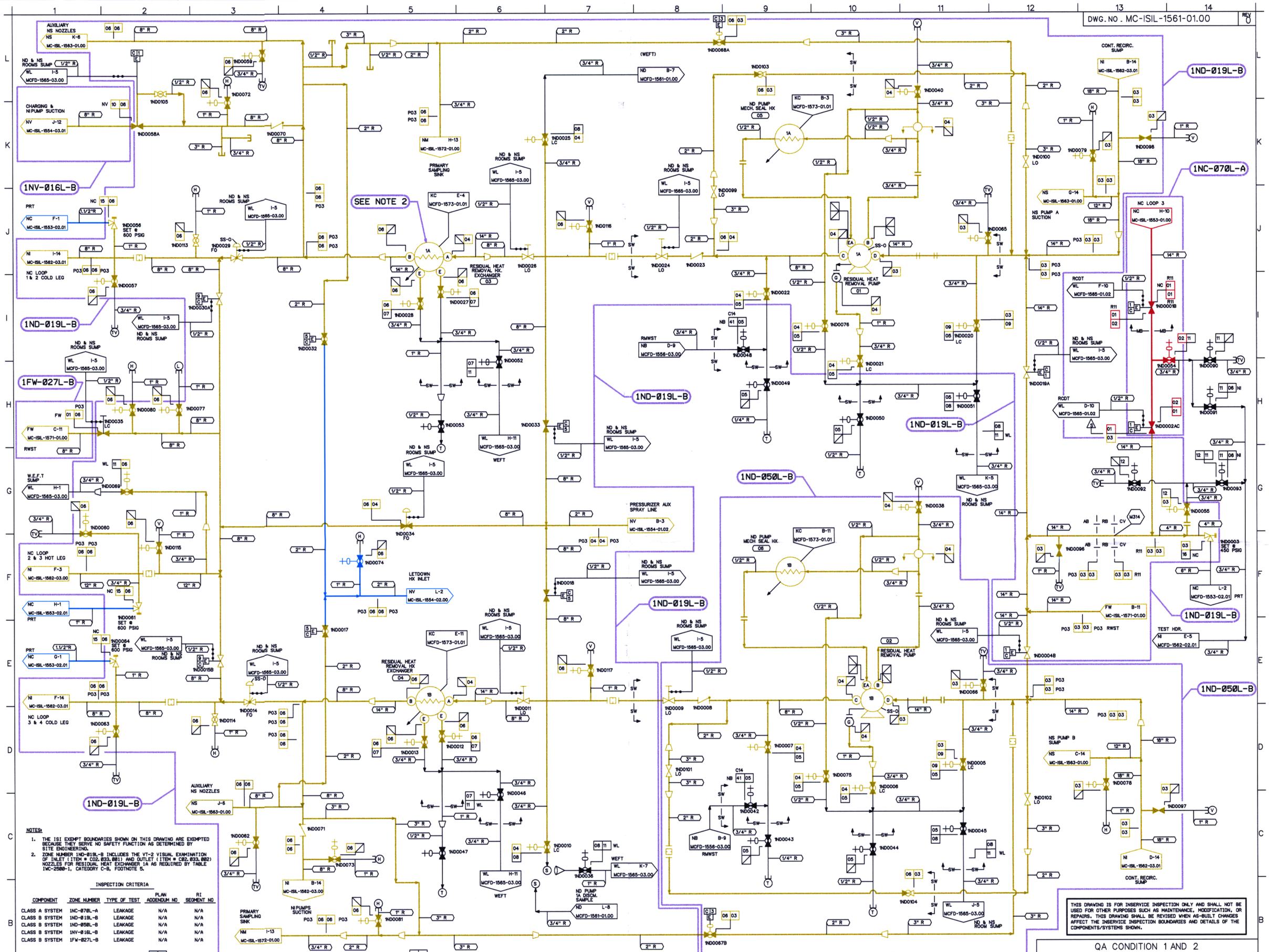

NOTES:

1. THE ISI EXEMPT BOUNDARIES SHOWN ON THIS DRAWING ARE EXEMPTED BECAUSE THEY SERVE NO SAFETY FUNCTION AS DETERMINED BY SITE ENGINEERING.
2. ZONE NUMBER 1ND-019L-B INCLUDES THE VT-2 VISUAL EXAMINATION OF INLET (ITEM # C02.033.001) AND OUTLET (ITEM # C02.033.002) NOZZLES FOR RESIDUAL HEAT EXCHANGER 1A AS REQUIRED BY TABLE IWC-2500-1, CATEGORY C-B, FOOTNOTE 5.

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS A SYSTEM	1NC-070L-A	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1ND-019L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1ND-050L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1NV-016L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1FW-027L-B	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
FW01	PS 151.2	50 PSIG	110 F	B	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NC01	PS 2501.1	2485 PSIG	650 F	A	SS
NC15	PS 151.2	100 PSIG	350 F	B	SS
NC16	PS 151.4	100 PSIG	383 F	E	SS
ND01	PS 2501.1	2485 PSIG	650 F	A	SS
ND02	PS 2501.1	2485 PSIG	650 F	A	SS
ND03	PS 401.2	450 PSIG	350 F	B	SS
ND04	PS 601.2	600 PSIG	350 F	B	SS

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
ND05	PS 601.4	600 PSIG	350 F	E	SS
ND06	PS 601.2	600 PSIG	350 F	B	SS
ND07	PS 601.4	600 PSIG	350 F	E	SS
ND08	PS 151.4	50 PSIG	200 F	E	SS
ND09	PS 601.2	600 PSIG	350 F	B	SS
ND11	PS 1501.4	2485 PSIG	630 F	E	SS
ND12	PS 401.4	450 PSIG	350 F	E	SS
NI06	PS 2501.4	2485 PSIG	650 F	E	SS
NV10	PS 151.2	220 PSIG	189 F	B	SS
WL11	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.

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF RESIDUAL HEAT REMOVAL SYSTEM (ND)

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

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-1561-01.00 — REV. 0

REFERENCE FLOW DIAGRAM MCFD-1561-01.00 REV. 8
ERN: MC009AVN

D-117