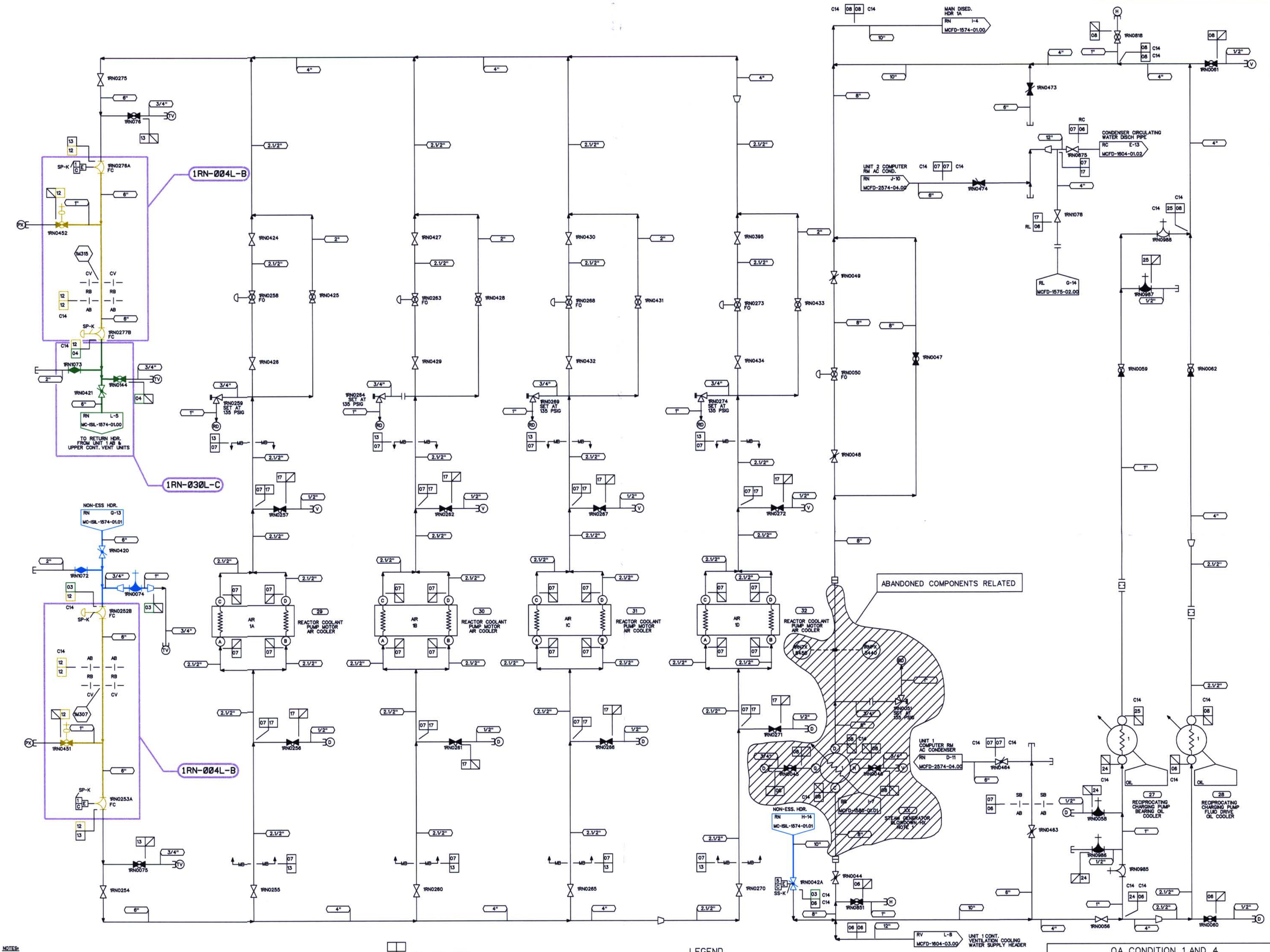
DWG. NO. MC-ISIL-1574-04.00 REV 0



NOTES:

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

COMPONENT	ZONE NUMBER	INSPECTION CRITERIA: TYPE OF TEST	PLAN ADDENDUM NO.	RI SEGMENT NO
CLASS B SYSTEM	1RN-004L-B	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1RN-030L-C	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
RC06	PS 150.4	40 PSIG	120 F	H	CS
RL06	PS 151.4	135 PSIG	120 F	H	SS
RN03	PS 150.3	135 PSIG	95 F	C	CS/SS
RN04	PS 150.3	135 PSIG	150 F	C	CS/SS
RN06	PS 150.4	135 PSIG	95 F	F	CS
RN07	PS 150.4	135 PSIG	150 F	G	CS
RN08	PS 150.4	135 PSIG	150 F	F	CS
RN12	PS 150.2	135 PSIG	250 F	B	CS
RN13	PS 150.4	135 PSIG	150 F	F	CS
RN17	PS 151.4	135 PSIG	150 F	G	SS
RN24	PS 151.4	135 PSIG	95 F	F	SS
RN25	PS 151.4	135 PSIG	150 F	F	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.

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	CIVIL	ELEC.	MECH
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

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF NUCLEAR SERVICE WATER SYSTEM (RN)

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-1574-04.00 REV 0

REFERENCE FLOW DIAGRAM MCFD-1574-04.00 REV. 4

ERN:MC009AWF

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