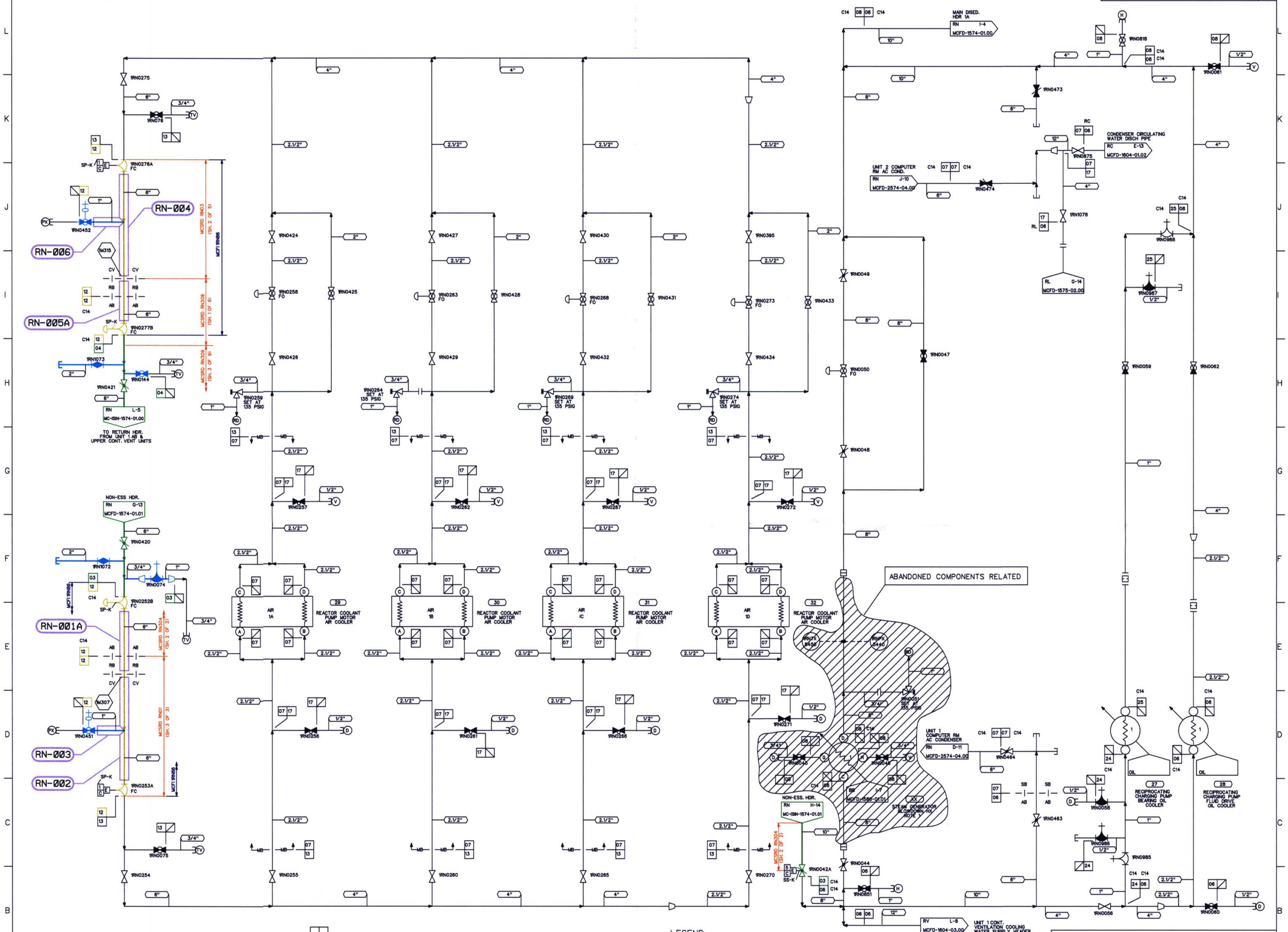
DWG. NO. MC-ISIN-1574-04.00 REV 0



NOTE(S)

1. THE RN FLOW PATH TO THIS HEAT EXCHANGER IS PERMANENTLY ISOLATED AND THE PIPING WILL REMAIN INTACT.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a): RN12.
3. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWD-1220(a)(1): RN03, RN04.
4. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

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
- NON-ISI

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-1574-04.00 REV. 4
ERN: MC0099YI

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG	RELEASED FOR ISI USE ONLY	TDM	12-12-00	PTF	12-12-00	RKR	12-14-00

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

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

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

DESIGNER	TIM MYERS	DATE	12-12-00	INSP	WAIVED DATE
DRAWN	TIM MYERS	DATE	12-12-00	INSP	WAIVED DATE
CHECKED	GARY D SCARBORO	DATE	12-13-00	APPR	R. KEVIN RHYNE DATE 12-14-00

SCALE — DWG. NO. MC-ISIN-1574-04.00 — REV 0

D-66