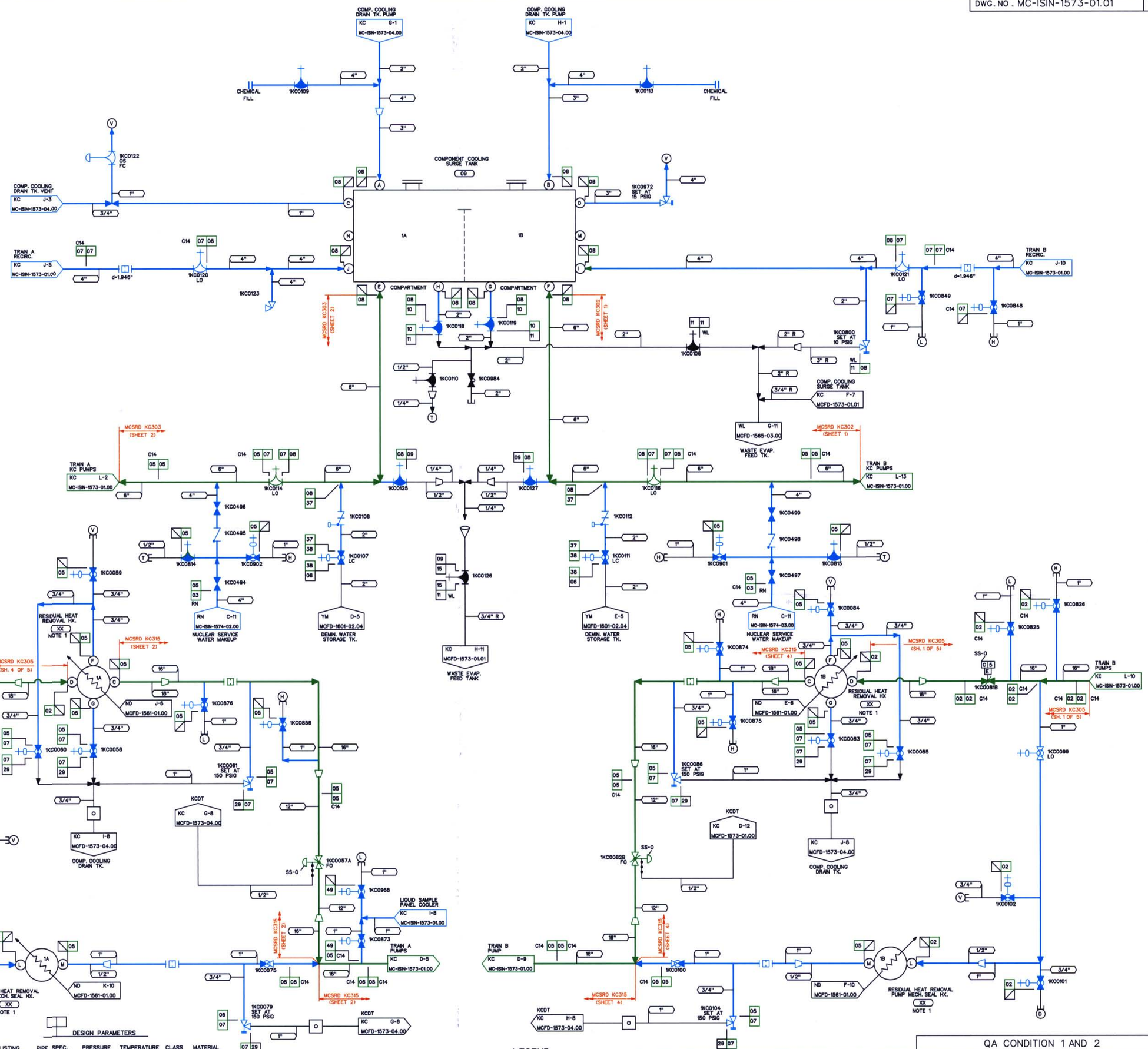
DWG. NO. MC-ISIN-1573-01.01 REV 0



NOTE(S)

1. THIS COMPONENT WAS NOT BUILT TO ASME III. HOWEVER, IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER MCGUIRE PSAR TABLE 1A 4-2.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWD-1220(a)(1): KC02, KC05, KC07, KC08, KC10, KC37, KC38, KC49.
3. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
KC02	PS 150.3	150 PSIG	120 F	C	CS
KC05	PS 150.3	150 PSIG	160 F	C	CS
KC06	PS 151.4	150 PSIG	120 F	G	SS
KC07	PS 151.3	150 PSIG	160 F	C	SS
KC08	PS 151.3	15 PSIG	160 F	C	SS
KC09	PS 151.4	15 PSIG	160 F	G	SS
KC10	PS 151.3	20 PSIG	160 F	C	SS
KC11	PS 151.4	20 PSIG	160 F	E	SS
KC15	PS 151.4	15 PSIG	160 F	E	SS
KC29	PS 151.4	150 PSIG	170 F	G	SS
KC37	PS 150.3	15 PSIG	160 F	C	CS
KC38	PS 150.3	150 PSIG	160 F	C	CS
KC49	PS 150.3	150 PSIG	170 F	C	CS
RN03	PS 150.3	135 PSIG	95 F	C	CS/SS
WL11	PS 151.4	50 PSIG	200 F	E	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.

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG	RELEASED FOR ISI USE ONLY	TDM	11-7-00	GDS	11-13-00	RKR	12-14-00

WAIVED INSPECTED: CIVIL ELEC. MECH.

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF COMPONENT COOLING SYSTEM (KC)

DESIGNER	TIM MYERS	DATE 11-7-00	INSP.	WAIVED	DATE —
DRAWN	TIM MYERS	DATE 11-7-00	INSP.	WAIVED	DATE —
CHECKED	GARY D SCARBORO	DATE 11-7-00	APPR.	R. KEVIN RHYNE	DATE 12-14-00

SCALE — DWG. NO. MC-ISIN-1573-01.01 REV 0

REFERENCE FLOW DIAGRAM
MCFD-1573-01.01 REV. 6
ERN:MC0099XK

D-53