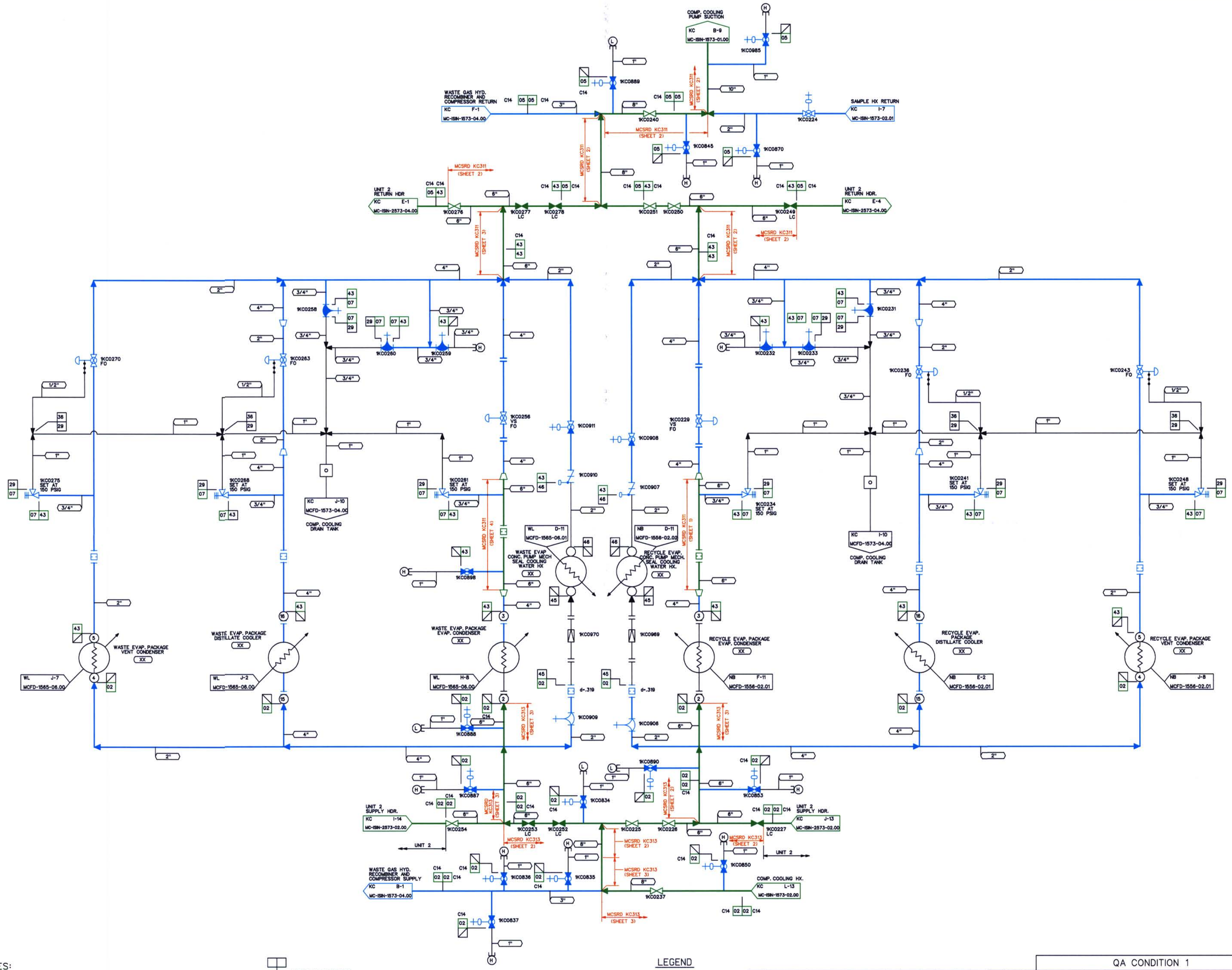
DWG. NO. MC-ISIN-1573-02.02 REV 0



NOTES:

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWD-1220(a)(1): KC02, KC05, KC07, KC43.
2. 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
KC07	PS 151.3	150 PSIG	160 F	C	SS
KC29	PS 151.4	150 PSIG	170 F	G	SS
KC36	TS 2701.1	150 PSIG	170 F	G	ST
KC43	PS 150.3	150 PSIG	140 F	C	CS
KC45	PS 150.4	150 PSIG	120 F	G	CS
KC46	PS 150.4	150 PSIG	140 F	G	CS

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	11-13-00	GDS	11-13-00	RKR	12-14-00

WAIVED — CIVIL, ELEC., MECH — INSPECTED

QA CONDITION 1

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1 AND 2

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

DESIGNER	TIM MYERS	DATE 11-13-00	INSP	WAIVED	DATE —
DRAWN	TIM MYERS	DATE 11-13-00	INSP	WAIVED	DATE —
CHECKED	GARY D SCARBORO	DATE 11-13-00	APPR	R. KEVIN RHYNE	DATE 12-14-00

SCALE — DWG. NO. MC-ISIN-1573-02.02 — REV 0

REFERENCE FLOW DIAGRAM MCFD-1573-02.02 REV. 4

ERN: MC0099Y8

D-56