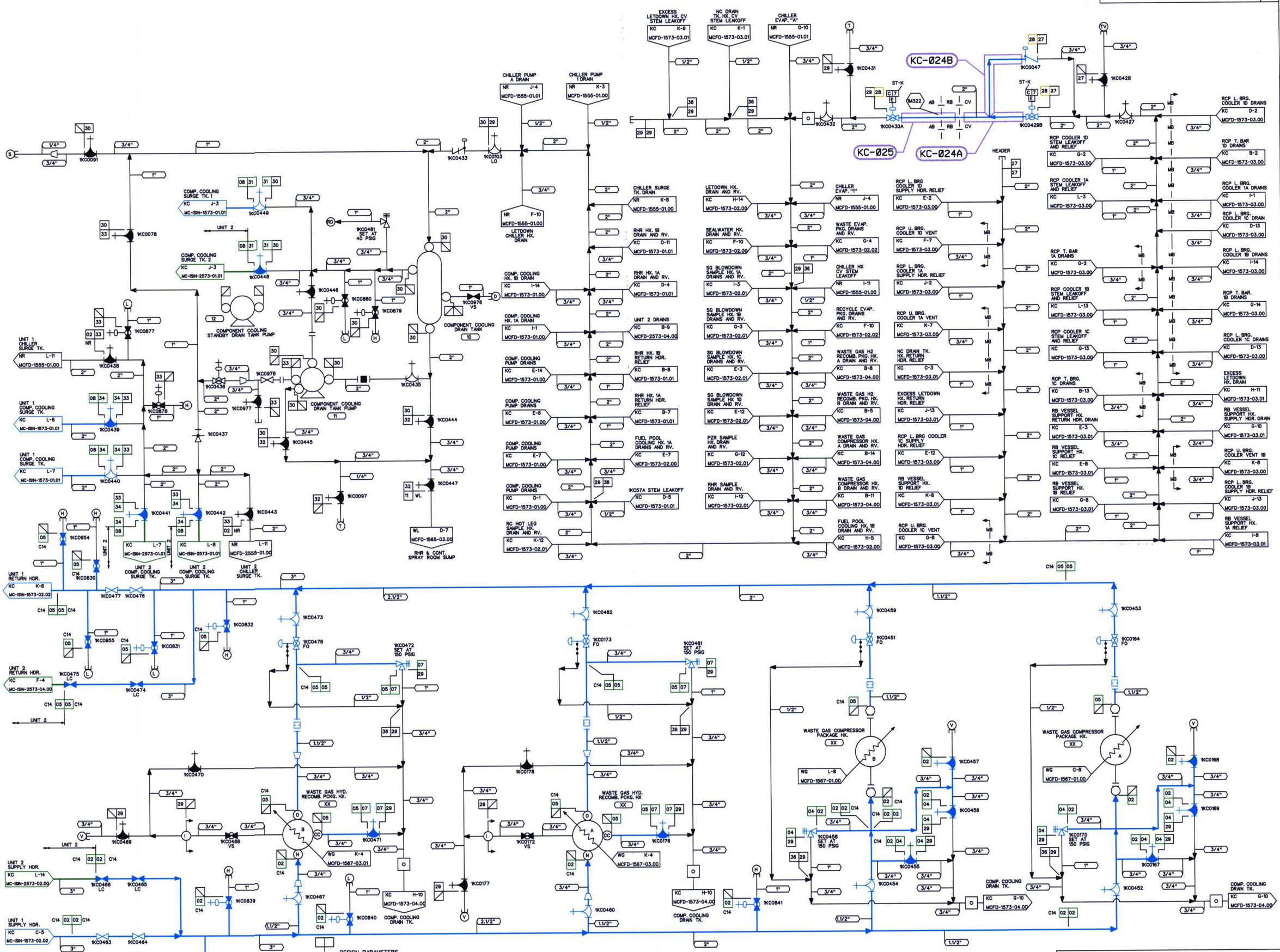
DWG. NO. MC-ISIN-1573-04.00 REV. 0



NOTES:

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a): KC28.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWD-1220(a)(1): KC02, KC04, KC05, KC07, KC08, KC31, KC34.

REFERENCE FLOW DIAGRAM
MCFD-1573-01.00 REV. 18
ERN:MC0099YB

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
KC02	PS 150.3	150 PSIG	120 F	C	CS
KC04	PS 151.3	150 PSIG	170 F	C	SS
KC05	PS 150.3	150 PSIG	160 F	C	CS
KC07	PS 151.3	150 PSIG	160 F	C	SS
KC08	PS 151.3	15 PSIG	160 F	C	SS
KC27	PS 151.4	150 PSIG	170 F	G	SS
KC28	PS 151.2	150 PSIG	250 F	B	SS
KC29	PS 151.4	150 PSIG	170 F	G	SS
KC30	PS 151.4	40 PSIG	170 F	G	SS
KC31	PS 151.3	40 PSIG	170 F	C	SS
KC32	PS 151.4	40 PSIG	170 F	E	SS
KC33	PS 151.4	100 PSIG	170 F	G	SS
KC34	PS 151.3	100 PSIG	170 F	C	SS
KC36	TS 2701.1	150 PSIG	170 F	G	ST
NR02	PS 150.4	15 PSIG	105 F	G	CS
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	PTF	11-8-00	RKR	12-14-00

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

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-1573-04.00 REV. 0

D-59