



NOTES:

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a)11: KC12, KC24, KC25.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWC-1222(a)11: KC02, KC05, KC14, KC16, KC20, KC21, KC22, KC23, KC24, KC25, KC26, KC27, KC36, KC40, WL09.
3. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
KC02	PS 150.3	150 PSIG	120 F	C	CS
KC05	PS 150.3	150 PSIG	180 F	C	CS
KC12	PS 150.2	150 PSIG	250 F	B	CS
KC13	PS 150.3	150 PSIG	120 F	C	CS
KC14	PS 151.3	150 PSIG	170 F	C	SS
KC16	PS 151.3	150 PSIG	128 F	C	SS
KC20	PS 150.3	150 PSIG	169 F	C	SS
KC21	PS 151.3	150 PSIG	169 F	C	SS
KC22	PS 150.3	150 PSIG	130 F	C	CS
KC23	PS 151.3	150 PSIG	170 F	C	SS
KC24	PS 150.2	150 PSIG	250 F	B	CS
KC25	PS 151.2	150 PSIG	250 F	B	SS
KC27	PS 151.4	150 PSIG	170 F	G	SS
KC36	TS 2701.1	150 PSIG	170 F	G	ST
KC40	PS 151.3	150 PSIG	120 F	C	SS
WL09	PS 151.4	50 PSIG	200 F	E	SS

LEGEND

ISI CLASS 1 (Red)
 ISI CLASS 2 (Yellow)
 ISI CLASS 3 (Green)
 ISI EXEMPT (Blue)
 NON-ISI (Black)

REFERENCE FLOW DIAGRAM
 MCFD-1573-03.01 REV. 3
 ERN:MC0099YA

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.

QA CONDITION 1	
DUKE POWER COMPANY	
MCGUIRE NUCLEAR STATION UNIT 1	
ASME SECTION XI	
INSERVICE INSPECTION NDE BOUNDARY OF	
COMPONENT COOLING SYSTEM	
(KC)	
DESIGNER: TIM MYERS	DATE: 12-12-00
DRAWN: TIM MYERS	DATE: 12-12-00
CHECKED: GARY D. SCARBOROUGH	DATE: 12-13-00
APPROVED: R. KEVIN RHYNE	DATE: 12-14-00
SCALE:	DWG. NO. MC-ISIN-1573-03.01
REV 0	