



NOTES:
1. THE ISI EXEMPT BOUNDARIES SHOWN ON THIS DRAWING ARE EXEMPTED BECAUSE THEY SERVE NO SAFETY FUNCTION AS DETERMINED BY SITE ENGINEERING.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
KC01	PS 150.3	150 PSIG	160 F	C	CS
KC02	PS 150.3	150 PSIG	120 F	C	CS
KC03	PS 151.3	150 PSIG	170 F	C	SS
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
KC29	PS 151.4	150 PSIG	170 F	G	SS
KC39	PS 151.4	150 PSIG	120 F	G	SS
KC41	PS 151.4	150 PSIG	170 F	G	SS
KC42	PS 150.4	150 PSIG	160 F	E	CS
KC44	PS 150.3	144 PSIG	160 F	C	CS
KC48	PS 150.4	150 PSIG	170 F	E	CS
KC49	PS 150.3	150 PSIG	170 F	C	CS
KC50	TS 27011	150 PSIG	170 F	E	ST
KC51	TS 27011	150 PSIG	160 F	E	ST

LEGEND

- 1ST CLASS 1
- 1ST CLASS 2
- 1ST CLASS 3
- 1ST EXEMPT
- ZONE BOUNDARY

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.

COMPONENT	ZONE NUMBER	INSPECTION CRITERIA	PLAN ADDENDUM NO.	RI SEGMENT NO.
CLASS C SYSTEM	1KC-028L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1KC-029L-C	LEAKAGE	N/A	N/A

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

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

REFERENCE FLOW DIAGRAM
MCFD-1573-01.00 REV. 5
ERN:MC009AW5

ORIG. RELEASED FOR ISUSE ONLY	TDM 5-8-01 JMB 5-7-01 RKR 5-9-01	W A I V E D	DESIGNER JIM MYERS DATE 5-8-01	INSP. WAIVED DATE
NO. REVISIONS	DRN DATE CHKD DATE APPR DATE	CIVIL ELEC. MECH	DRAWN JIM MYERS DATE 5-8-01	INSP. WAIVED DATE
		INSPECTED	CHECKED JIM ROUGHMAN DATE 5-7-01	APPR. R. KEVIN RHYNE DATE 5-8-01

DWG. NO. MC-ISIL-1573-01.00

D-135