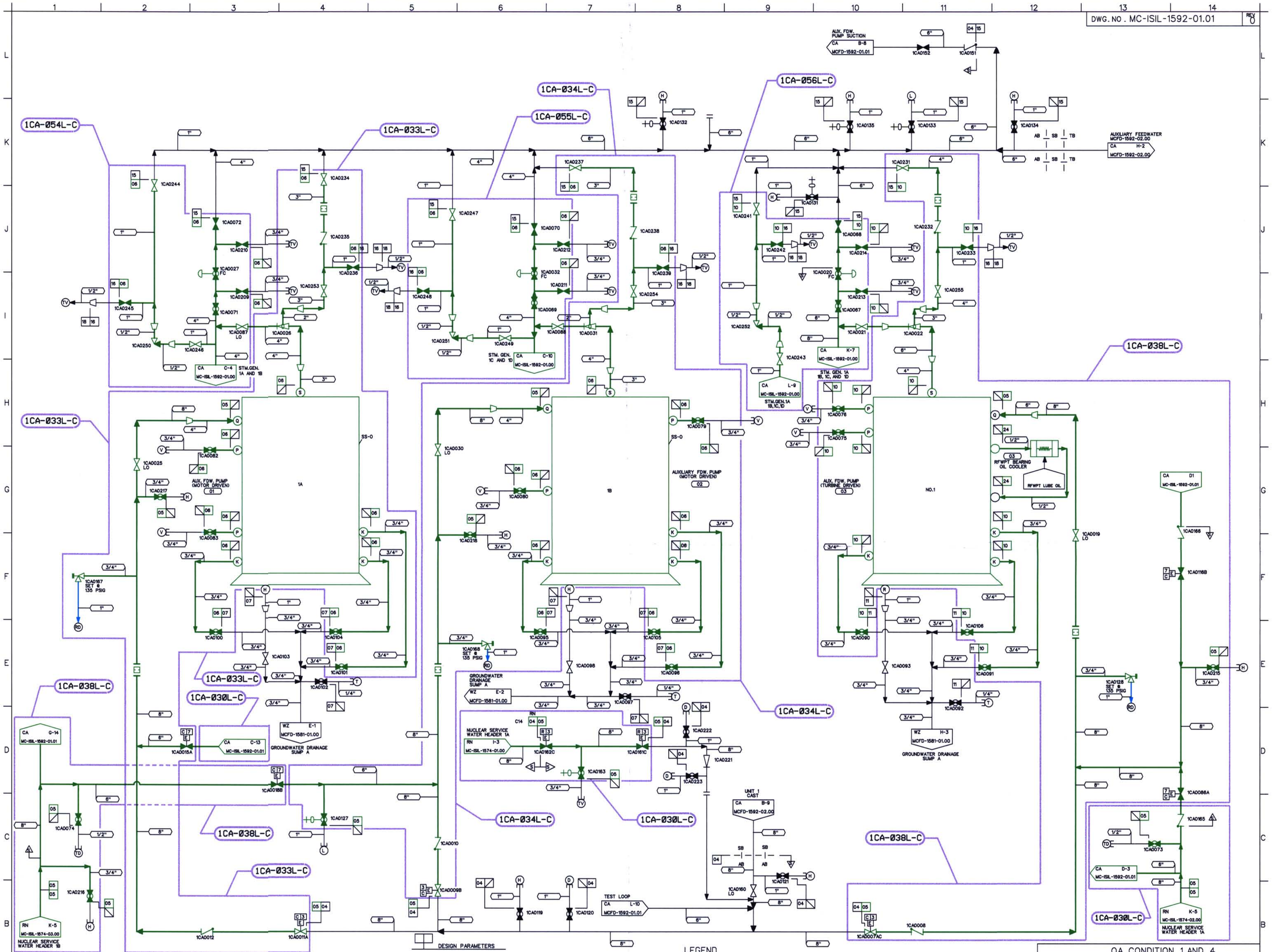
DWG. NO. MC-ISIL-1592-01.01 REV 0



NOTES:

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

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS C SYSTEM	1CA-038L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-033L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-034L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-038L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-054L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-055L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1CA-056L-C	LEAKAGE	N/A	N/A

REFERENCE FLOW DIAGRAM
MCFD-1592-01.01 REV. 11
ERN: MC009AWM

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
CA01	PS 150.4	135 PSIG	160 F	G	CS
CA02	PS 150.4	135 PSIG	160 F	G	CS
CA03	PS 150.4	135 PSIG	160 F	G	CS
CA04	PS 150.4	135 PSIG	160 F	F	CS
CA05	PS 150.3	135 PSIG	160 F	C	CS
CA06	PS 900.3	1665 PSIG	160 F	C	CS
CA07	PS 150.4	50 PSIG	160 F	G	CS
CA10	PS 900.3	1730 PSIG	160 F	C	CS
CA11	PS 900.4	50 PSIG	160 F	G	CS
CA15	PS 150.4	100 PSIG	160 F	F	CS
CA18	PS 150.4	100 PSIG	160 F	G	CS
CA19	TS 2701.1	100 PSIG	120 F	H	ST
CA24	TS 2701.1	135 PSIG	160 F	C	ST
CM15	PS 150.4	135 PSIG	180 F	G	CS
RN04	PS 150.3	135 PSIG	150 F	C	CS/SS

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI 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.

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE
ORIG	RELEASED FOR ISI USE ONLY	TDM	5-8-01	JMB	5-7-01	RKR	5-9-01

WAIVED INSPECTED: CIVIL, ELEC., MECH.

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF AUXILIARY FEEDWATER SYSTEM
(CA)

DESIGNER	TIM MYERS	DATE 5-8-01	INSP.	WAIVED	DATE
DRAWN	TIM MYERS	DATE 5-8-01	INSP.	WAIVED	DATE
CHECKED	JIM BOUGHMAN	DATE 5-7-01	APPR.	R. KEVIN RHYNE	DATE 5-9-01

SCALE — DWG. NO. MC-ISIL-1592-01.01 — REV. 0

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