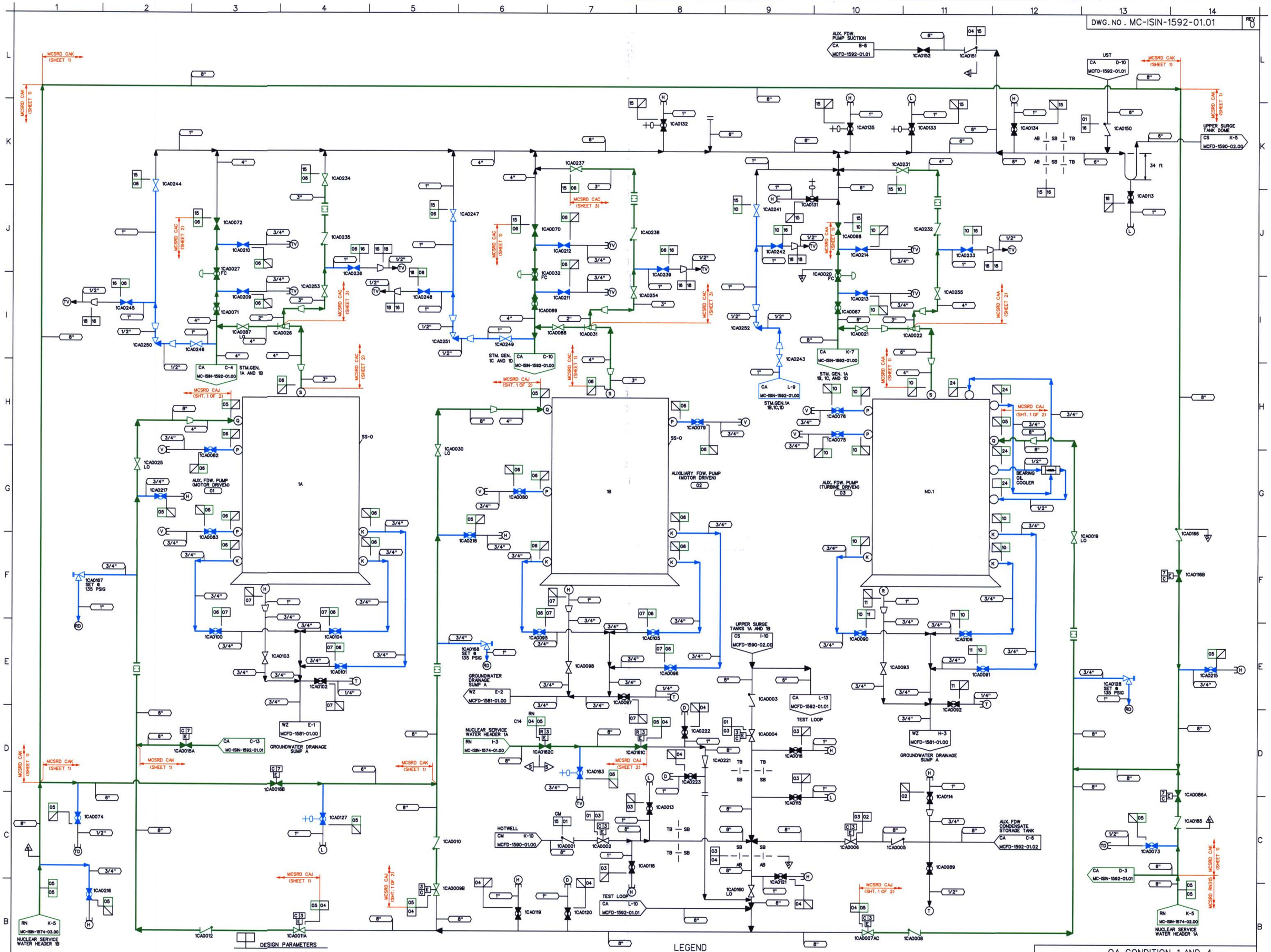
DWG. NO. MC-ISIN-1592-01.01 REV 0



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
CA16	PS 150.4	100 PSIG	160 F	G	CS
CA18	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	160 F	G	CS
RN04	PS 150.3	135 PSIG	150 F	C	CS/SS

NOTE(S)

1. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER IWD-1220(b)(1): CA05, CA06, CA10, CA24.
2. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

REFERENCE FLOW DIAGRAM
MCFD-1592-01.01 REV. 8
ERN:MC0099YP

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

W A I V E D
CIVIL ELEC. MECH
INSPECTED

QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

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

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-1592-01.01 REV 0

D-74