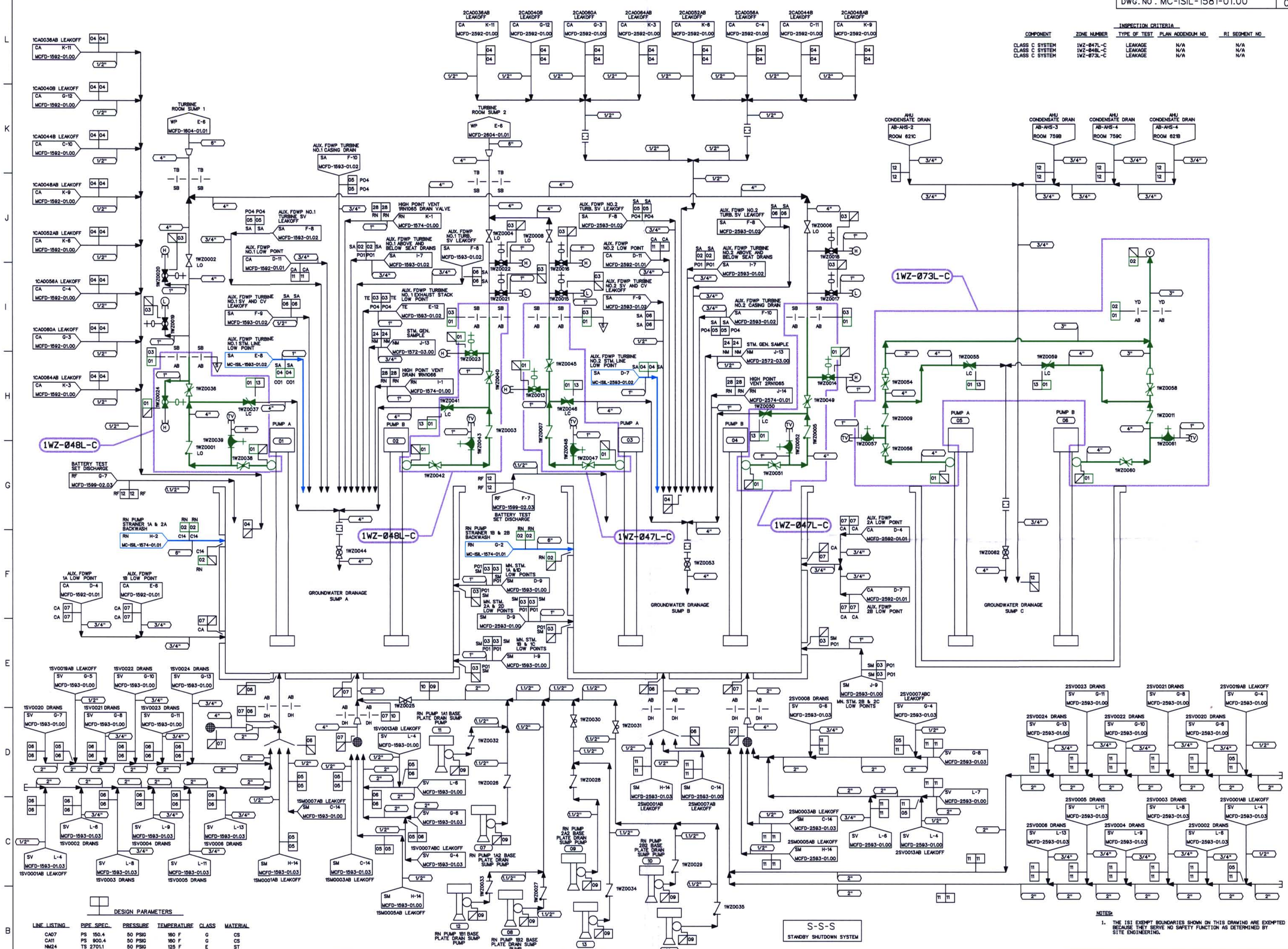
DWG. NO. MC-ISIL-1581-01.00 REV 0



INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS C SYSTEM	1WZ-047L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1WZ-048L-C	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1WZ-073L-C	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
CA07	PS 150.4	50 PSIG	160 F	G	CS
CA11	PS 900.4	50 PSIG	160 F	G	CS
NM24	TS 2701.1	50 PSIG	125 F	E	ST
RF12	PS 150.4	150 PSIG	120 F	H	CS
RN02	PS 150.3	135 PSIG	95 F	C	CS
RN28	PS 151.4	135 PSIG	150 F	F	SS
SA02	PS 900.4	1185 PSIG	567 F	G	CS
SA04	PS 900.3	1185 PSIG	567 F	C	CS
SA05	PS 150.4	150 PSIG	350 F	F	CS
SA06	PS 150.4	150 PSIG	350 F	G	CS
SM03	PS 1500.5	1185 PSIG	567 F	G	CS
TE03	PS 150.4	150 PSIG	350 F	F	CS
WZ01	PS 150.3	40 PSIG	120 F	C	CS
WZ02	PS 151.3	40 PSIG	120 F	C	SS
WZ03	PS 150.4	40 PSIG	120 F	H	CS

DESIGN PARAMETERS (CONT.)

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
WZ04	TS 2701.1	50 PSIG	160 F	G	ST
WZ05	TS 2701.1	50 PSIG	350 F	G	ST
WZ06	PS 150.4	50 PSIG	212 F	H	CS
WZ07	PS 150.4	50 PSIG	212 F	H	SS
WZ09	PS 171	50 PSIG	120 F	H	PV
WZ10	PS 151.4	50 PSIG	120 F	H	SS
WZ11	PS 150.4	50 PSIG	350 F	G	CS
WZ12	TS 2701.1	150 PSIG	120 F	G	ST
WZ13	PS 150.4	40 PSIG	120 F	G	CS

LEGEND

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

NOTES:

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

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 — CIVIL, ELEC, MECH — INSPECTED

QA CONDITION 1

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF GROUNDWATER DRAINAGE SYSTEM (WZ)

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-1581-01.00 — REV 0

REFERENCE FLOW DIAGRAM MCFD-1581-01.00 REV. 2

ERN:MC009AWH

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