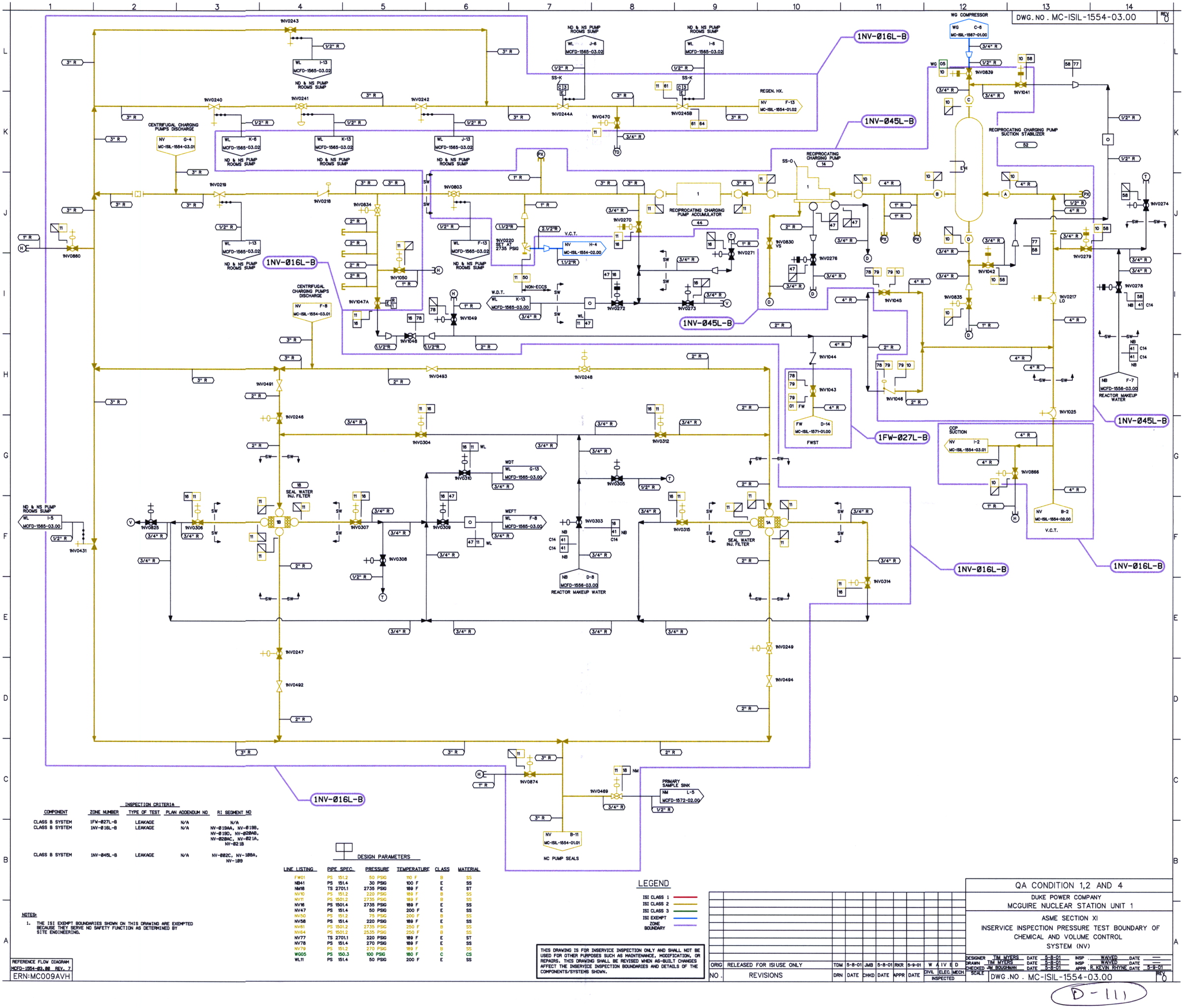
DWG. NO . MC-ISIL-1554-03.00 REV 0



INSPECTION CRITERIA				
COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1FW-027L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1NV-016L-B	LEAKAGE	N/A	NV-019AA, NV-019B, NV-019D, NV-028AB, NV-028AC, NV-021A, NV-021B
CLASS B SYSTEM	1NV-045L-B	LEAKAGE	N/A	NV-002C, NV-108A, NV-109

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
FW01	PS 151.2	50 PSIG	110 F	B	SS
NB41	PS 151.4	30 PSIG	100 F	E	SS
NM18	TS 2701.1	2735 PSIG	189 F	E	ST
NV10	PS 151.2	220 PSIG	189 F	B	SS
NV11	PS 1501.2	2735 PSIG	189 F	B	SS
NV16	PS 1501.4	2735 PSIG	189 F	E	SS
NV47	PS 151.4	50 PSIG	200 F	E	SS
NV50	PS 151.2	75 PSIG	200 F	B	SS
NV58	PS 151.4	220 PSIG	189 F	E	SS
NV61	PS 1501.2	2735 PSIG	250 F	B	SS
NV64	PS 1501.2	2535 PSIG	250 F	B	SS
NV77	TS 2701.1	220 PSIG	189 F	E	ST
NV78	PS 151.4	270 PSIG	189 F	E	SS
NV79	PS 151.2	270 PSIG	189 F	B	SS
WG05	PS 150.3	100 PSIG	180 F	C	CS
WL11	PS 151.4	50 PSIG	200 F	E	SS

NOTES:

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

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	5-8-01	RKR	5-9-01

WAIVED INSPECTED — CIVIL ELEC. MECH.

REFERENCE FLOW DIAGRAM
MCFD-1554-03.00 REV. 7
ERN:MC009AVH

QA CONDITION 1,2 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF CHEMICAL AND VOLUME CONTROL SYSTEM (NV)

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

SCALE — DWG .NO . MC-ISIL-1554-03.00 REV 0

D-111