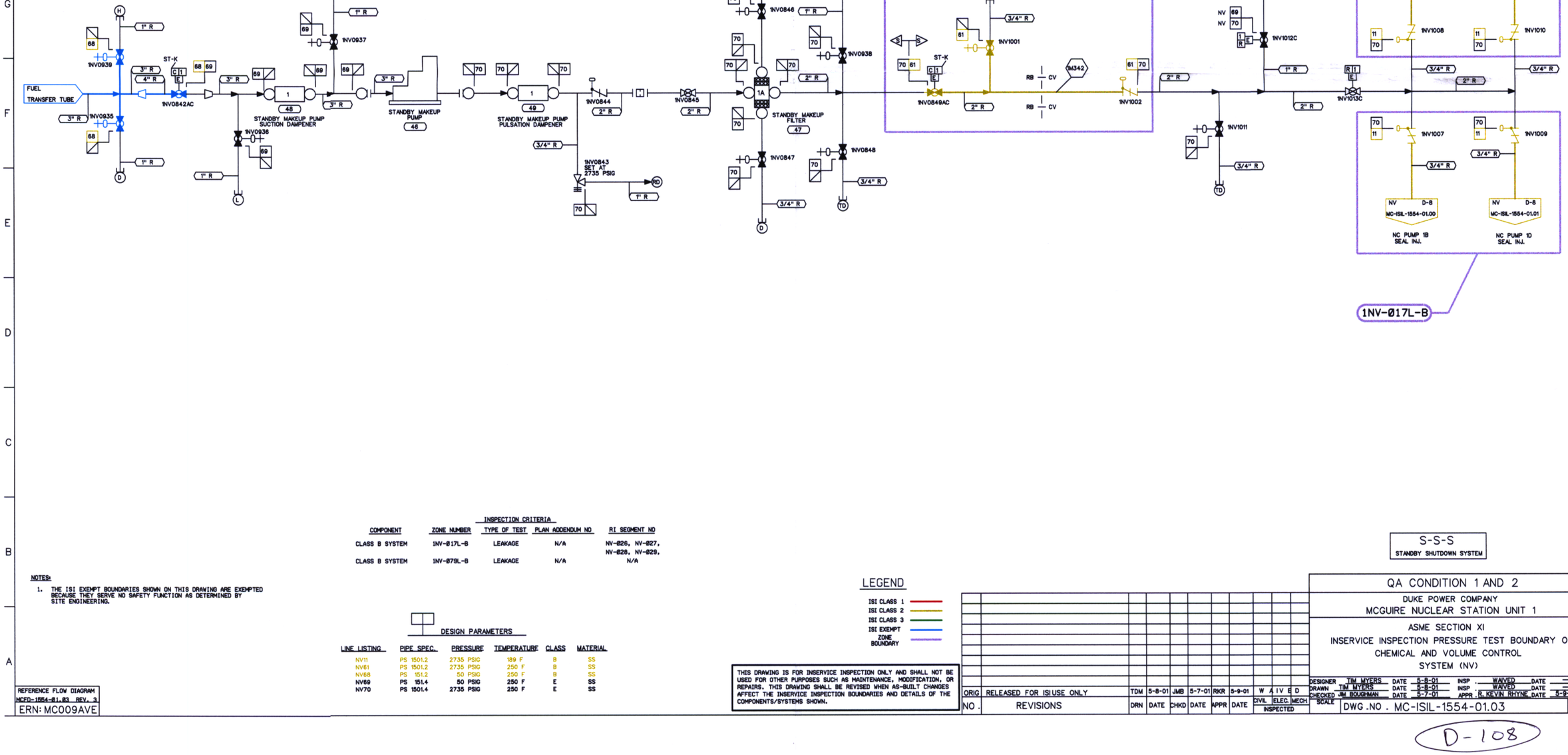
DWG. NO. MC-ISIL-1554-01.03 REV 0



INSPECTION CRITERIA				
COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1NV-Ø17L-B	LEAKAGE	N/A	NV-026, NV-027, NV-028, NV-029,
CLASS B SYSTEM	1NV-Ø79L-B	LEAKAGE	N/A	N/A

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
NV11	PS 1501.2	2735 PSIG	189 F	B	SS
NV61	PS 1501.2	2735 PSIG	250 F	B	SS
NV68	PS 151.2	50 PSIG	250 F	B	SS
NV69	PS 151.4	50 PSIG	250 F	E	SS
NV70	PS 1501.4	2735 PSIG	250 F	E	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.

S-S-S
STANDBY SHUTDOWN SYSTEM

REFERENCE FLOW DIAGRAM
MCFD-1554-01.03 REV. 3
ERN: MC009AVE

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 2

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	5-7-01	APPR.	R. KEVIN RHYNE DATE 5-9-01
SCALE		DWG. NO. MC-ISIL-1554-01.03			REV 0

D-108