



INSPECTION CRITERIA				
COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO.	RI SEGMENT NO.
CLASS A SYSTEM	1NC-070L-A	LEAKAGE	N/A	NV-833A, NV-833B, NV-834A, NV-834B, NV-837, NV-838, NV-841A, NV-841B, NV-842A, NV-842B,
CLASS B SYSTEM	1NV-016L-B	LEAKAGE	N/A	NV-828H, NV-828F, NV-828GA,
CLASS B SYSTEM	1NV-017L-B	LEAKAGE	N/A	NV-828, NV-829

NOTES:  
1. THE ISI EXEMPT BOUNDARIES SHOWN ON THIS DRAWING ARE EXEMPTED BECAUSE THEY SERVE NO SAFETY FUNCTION AS DETERMINED BY SITE ENGINEERING. SOME CLASS B EXEMPT BOUNDARIES MUST BE PRESSURE TESTED TO SATISFY RI SEGMENT NV-833B, NV-841B, NV-834B & NV-842B REQUIREMENTS.

DESIGN PARAMETERS					DESIGN PARAMETERS				
LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL	LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE
NC24	PS 151.4	150 PSIG	200 F	E	SS	NV28	PS 151.2	150 PSIG	225 F
NV11	PS 1501.2	2735 PSIG	889 F	B	SS	NV56	PS 2501.2	2485 PSIG	650 F
NV19	PS 1501.1	2485 PSIG	650 F	A	SS	NV60	PS 1501.2	2485 PSIG	189 F
NV20	PS 1501.1	2485 PSIG	650 F	A	SS	NV61	PS 1501.2	2735 PSIG	250 F
NV21	PS 1501.2	2485 PSIG	650 F	B	SS	WL01	PS 151.4	100 PSIG	200 F
NV22	PS 151.4	150 PSIG	200 F	E	SS				
NV23	PS 151.4	150 PSIG	200 F	E	SS				
NV25	PS 2501.2	2485 PSIG	650 F	B	SS				
NV27	PS 2501.2	2485 PSIG	650 F	B	SS				

LEGEND	
1ST CLASS 1	—
1ST CLASS 2	—
1ST CLASS 3	—
1ST 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.

REVISIONS		DRN	DATE	CHKD	DATE	APPR	DATE	W A I V E D	DATE	INSPECTED
1	RELEASED FOR ISI USE ONLY	TDM	5-8-01	JMB	5-8-01	RKR	5-9-01	W A I V E D		

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: JIM BOUGHMAN 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-1554-01.00