DWG. NO . MC-ISIL-1593-01.02 REV 0

1SM-Ø36L-B

1SM-Ø35L-C

1SM-Ø35L-B

1SM-Ø35L-C

1SM-Ø36L-B

1SM-Ø35L-B

1SM-Ø35L-C

SM J-6 MC-ISIL-1593-01.00

8 FT.

17 FT.

1SA0075

1SA0078 LO

1SA0061

1SA0065

Y-02

1SA0053 d=.025"

1SA0084

STEAM GENERATOR "1B"

SM I-13 MC-ISIL-1593-01.00

1SA0002 LO

1SA0049AB FO OS

1SA0006 LO

1SA0005 LO

1SA0054

1SA0063

0-03 d=.025"

Y-03

1SA0048ABC FO OS

1SA0062

1SA0001 LO

17 FT.

1SA0077 LO

8 FT.

SM D-13 MC-ISIL-1593-01.03

STEAM GENERATOR "1C"

1SA0076

SM D-6 MC-ISIL-1593-01.03

AUX. STEAM AS L-4 MCFD-1595-01.00

1SA0052

1SA0047

GROUNDWATER DRAINAGE SUMP A WZ I-5 MCFD-1581-01.00

1SA0039

1SA0040

1SA0003

1SA0004

AUX. FDW. PUMP TURBINE 03

GROUNDWATER DRAINAGE SUMP A WZ I-5 MCFD-1581-01.00

GROUNDWATER DRAINAGE SUMP A WZ H-3 MCFD-1581-01.00

EXHAUST TO ATMOS

1SA0072 0-05 d=.105" 1SA0073

1SA0074

1SA0066 0-06 d=.105" 1SA0067

1SA0068

1SA0069 0-07 d=.105" 1SA0070

1SA0071

TO UNDERGROUND DRAINAGE SUMP A

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1SM-Ø35L-B	LEAKAGE	N/A	N/A
CLASS B SYSTEM	1SM-Ø36L-B	LEAKAGE	N/A	N/A
CLASS C SYSTEM	1SM-Ø35L-C	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
AS08	PS 900.4	200 PSIG	390 F	F	CS
SA01	PS 900.2	1185 PSIG	567 F	B	CS
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 NOTE 1
SA06	PS 150.4	150 PSIG	350 F	G	CS
SA07	PS 151.4	150 PSIG	350 F	F	SS
SM01	PS 1500.5	1185 PSIG	567 F	B	CS
TE03	PS 150.4	150 PSIG	350 F	F	CS NOTE 1
TE04	PS 150.4	50 PSIG	300 F	F	CS

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.

REFERENCE FLOW DIAGRAM MCFD-1593-01.02 REV. 3

ERN:MC009AW0

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

QA CONDITION 1 AND 4

DUKE POWER COMPANY

MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI

INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF MAIN STEAM SUPPLY TO AUXILIARY EQUIPMENT SYSTEM (SA) TURBINE EXHAUST SYSTEM (TE)

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-1593-01.02 REV 0

D-154