



NOTES

1. PIPING IN LINE LIST SAMS DOWNSTREAM OF CONNECTIONS 18 AND 5 AND ALL PIPING IN LINE LIST TEB3 IS INSTALLED AS CLASS G BUT SEISMICALLY RESTRAINED TO CLASS F REQUIREMENTS AS PER NCI 12.029.
2. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER INC-1222(a) SA01.
3. PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS SHALL BE EXEMPT PER INC-1222(a)(1) SA04.
4. WELD ISO & MATH MODEL DRAWING REFERENCES ARE APPROXIMATE AND ARE FOR INFORMATION ONLY.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
AS03	PS 300.4	200 PSIG	390 F	G	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
SA06	PS 150.4	150 PSIG	350 F	G	CS
SA07	PS 150.4	150 PSIG	350 F	F	CS
SA08	PS 150.4	150 PSIG	350 F	G	CS
SA09	PS 150.4	150 PSIG	350 F	F	CS
SA10	PS 150.4	150 PSIG	350 F	G	CS
SA11	PS 150.4	150 PSIG	350 F	F	CS
SA12	PS 150.4	150 PSIG	350 F	G	CS
SA13	PS 150.4	150 PSIG	350 F	F	CS
SA14	PS 150.4	150 PSIG	350 F	G	CS
SA15	PS 150.4	150 PSIG	350 F	F	CS
SA16	PS 150.4	150 PSIG	350 F	G	CS
SA17	PS 150.4	150 PSIG	350 F	F	CS
SA18	PS 150.4	150 PSIG	350 F	G	CS
SA19	PS 150.4	150 PSIG	350 F	F	CS
SA20	PS 150.4	150 PSIG	350 F	G	CS
SA21	PS 150.4	150 PSIG	350 F	F	CS
SA22	PS 150.4	150 PSIG	350 F	G	CS
SA23	PS 150.4	150 PSIG	350 F	F	CS
SA24	PS 150.4	150 PSIG	350 F	G	CS
SA25	PS 150.4	150 PSIG	350 F	F	CS
SA26	PS 150.4	150 PSIG	350 F	G	CS
SA27	PS 150.4	150 PSIG	350 F	F	CS
SA28	PS 150.4	150 PSIG	350 F	G	CS
SA29	PS 150.4	150 PSIG	350 F	F	CS
SA30	PS 150.4	150 PSIG	350 F	G	CS
SA31	PS 150.4	150 PSIG	350 F	F	CS
SA32	PS 150.4	150 PSIG	350 F	G	CS
SA33	PS 150.4	150 PSIG	350 F	F	CS
SA34	PS 150.4	150 PSIG	350 F	G	CS
SA35	PS 150.4	150 PSIG	350 F	F	CS
SA36	PS 150.4	150 PSIG	350 F	G	CS
SA37	PS 150.4	150 PSIG	350 F	F	CS
SA38	PS 150.4	150 PSIG	350 F	G	CS
SA39	PS 150.4	150 PSIG	350 F	F	CS
SA40	PS 150.4	150 PSIG	350 F	G	CS
SA41	PS 150.4	150 PSIG	350 F	F	CS
SA42	PS 150.4	150 PSIG	350 F	G	CS
SA43	PS 150.4	150 PSIG	350 F	F	CS
SA44	PS 150.4	150 PSIG	350 F	G	CS
SA45	PS 150.4	150 PSIG	350 F	F	CS
SA46	PS 150.4	150 PSIG	350 F	G	CS
SA47	PS 150.4	150 PSIG	350 F	F	CS
SA48	PS 150.4	150 PSIG	350 F	G	CS
SA49	PS 150.4	150 PSIG	350 F	F	CS
SA50	PS 150.4	150 PSIG	350 F	G	CS
SA51	PS 150.4	150 PSIG	350 F	F	CS
SA52	PS 150.4	150 PSIG	350 F	G	CS
SA53	PS 150.4	150 PSIG	350 F	F	CS
SA54	PS 150.4	150 PSIG	350 F	G	CS
SA55	PS 150.4	150 PSIG	350 F	F	CS
SA56	PS 150.4	150 PSIG	350 F	G	CS
SA57	PS 150.4	150 PSIG	350 F	F	CS
SA58	PS 150.4	150 PSIG	350 F	G	CS
SA59	PS 150.4	150 PSIG	350 F	F	CS
SA60	PS 150.4	150 PSIG	350 F	G	CS
SA61	PS 150.4	150 PSIG	350 F	F	CS
SA62	PS 150.4	150 PSIG	350 F	G	CS
SA63	PS 150.4	150 PSIG	350 F	F	CS
SA64	PS 150.4	150 PSIG	350 F	G	CS
SA65	PS 150.4	150 PSIG	350 F	F	CS
SA66	PS 150.4	150 PSIG	350 F	G	CS
SA67	PS 150.4	150 PSIG	350 F	F	CS
SA68	PS 150.4	150 PSIG	350 F	G	CS
SA69	PS 150.4	150 PSIG	350 F	F	CS
SA70	PS 150.4	150 PSIG	350 F	G	CS
SA71	PS 150.4	150 PSIG	350 F	F	CS
SA72	PS 150.4	150 PSIG	350 F	G	CS
SA73	PS 150.4	150 PSIG	350 F	F	CS
SA74	PS 150.4	150 PSIG	350 F	G	CS
SA75	PS 150.4	150 PSIG	350 F	F	CS
SA76	PS 150.4	150 PSIG	350 F	G	CS
SA77	PS 150.4	150 PSIG	350 F	F	CS
SA78	PS 150.4	150 PSIG	350 F	G	CS
SA79	PS 150.4	150 PSIG	350 F	F	CS
SA80	PS 150.4	150 PSIG	350 F	G	CS
SA81	PS 150.4	150 PSIG	350 F	F	CS
SA82	PS 150.4	150 PSIG	350 F	G	CS
SA83	PS 150.4	150 PSIG	350 F	F	CS
SA84	PS 150.4	150 PSIG	350 F	G	CS
SA85	PS 150.4	150 PSIG	350 F	F	CS
SA86	PS 150.4	150 PSIG	350 F	G	CS
SA87	PS 150.4	150 PSIG	350 F	F	CS
SA88	PS 150.4	150 PSIG	350 F	G	CS
SA89	PS 150.4	150 PSIG	350 F	F	CS
SA90	PS 150.4	150 PSIG	350 F	G	CS
SA91	PS 150.4	150 PSIG	350 F	F	CS
SA92	PS 150.4	150 PSIG	350 F	G	CS
SA93	PS 150.4	150 PSIG	350 F	F	CS
SA94	PS 150.4	150 PSIG	350 F	G	CS
SA95	PS 150.4	150 PSIG	350 F	F	CS
SA96	PS 150.4	150 PSIG	350 F	G	CS
SA97	PS 150.4	150 PSIG	350 F	F	CS
SA98	PS 150.4	150 PSIG	350 F	G	CS
SA99	PS 150.4	150 PSIG	350 F	F	CS
SA100	PS 150.4	150 PSIG	350 F	G	CS

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- NON-ISI

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. 1
ERN:MC0099YR

NO. REVISIONS

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QA CONDITION 1 AND 4

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
MAIN STEAM SUPPLY TO AUXILIARY
EQUIPMENT SYSTEM (SA) TURBINE EXHAUST SYSTEM (TE)

DESIGNER: JIM MYERS DATE: 12-12-00 INSP: WAIVED DATE: ---
DRAWN: JIM MYERS DATE: 12-12-00 INSP: WAIVED DATE: ---
CHECKED: GARY D. SCARBOROUGH DATE: 12-13-00 APPR: R. KEVIN RHYNE DATE: 12-14-00

DWG. NO. MC-ISIN-1593-01.02

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