



NOTE(S)

- THIS COMPARTMENT WAS NOT BUILT TO ASME III. HOWEVER, IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE PER MCGUIRE PSAR TABLE 1A.4-2.
- PIPING SHOWN IN BLUE IN THE FOLLOWING LINE LISTINGS IS EXEMPT PER TWO-12200(1) AND/OR (2) KF01, KF02, KF04, KF06, KF07, KF22. THESE EXEMPTIONS ARE BASED ON INFORMATION FROM SECOND INTERVAL AND NEED CLARIFICATION FROM ENGINEERING.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
KF01	PS 151.3	20 PSIG	200 F	C	SS
KF02	PS 151.3	155 PSIG	200 F	C	SS
KF03	PS 151.4	155 PSIG	200 F	C	SS
KF04	PS 151.3	150 PSIG	200 F	C	SS
KF06	PS 151.3	25 PSIG	200 F	C	SS
KF07	PS 151.3	175 PSIG	200 F	C	SS
KF08	PS 151.4	175 PSIG	150 F	E	SS
KF15	PS 151.4	20 PSIG	200 F	E	SS
KF16	PS 151.4	45 PSIG	200 F	E	SS
KF17	PS 151.4	45 PSIG	200 F	E	SS
KF18	PS 151.4	20 PSIG	200 F	E	SS
KF22	PS 151.3	25 PSIG	200 F	C	SS
KF24	PS 151.4	50 PSIG	200 F	H	SS
KF25	PS 151.4	50 PSIG	200 F	E	SS
NM35	TS 2701.1	175 PSIG	150 F	E	ST
WL11	PS 151.4	50 PSIG	200 F	E	SS

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.

S-S-S
STANDBY SHUTDOWN SYSTEM

QA CONDITION 1 AND 2

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION NDE BOUNDARY OF
SPENT FUEL
COOLING SYSTEM (KF)

REFERENCE FLOW DIAGRAM
MCFD-1570-01.00 REV. 1
ERN:MC0099XC

ORIG. RELEASED FOR ISI USE ONLY

NO. REVISIONS

DESIGNER: TIM MYERS DATE: 11-7-00
 DRAWN: TIM MYERS DATE: 11-7-00
 CHECKED: GARY D. SCARBORO DATE: 11-7-00
 SCALE: DWG. NO. MC-1570-01.00

INSPECTED: DATE: 12-14-00
 APPR: R. KEVIN RHYNE DATE: 12-14-00

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