



DWG. NO. MCFD-1561-01.00

RFR01-03

Attachment

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RFR01-03
PORTION
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1. THIS COMPONENT WAS NOT BUILT TO ASME III, HOWEVER IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER RECORDS FROM TABLE 10, 4-2.
2. TEMPORARY STANDERS TO BE PLACED IN THE SPOOL PIECE DURING INSTALLATION. FLUSHING OPERATIONS. STANDERS MUST BE REMOVED BEFORE PLANT STARTUP. COPIED LINE TO BE CONNECTED TO PRESSURE GAUGE DURING INITIAL FLUSHING.
3. SAMPLE LINE SHOULD SLOPE DOWNWARD FROM PIPE BOTTOM.
4. SEE NC-1573-1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
5. INSULATE RECIRCULATION LINES AS REQUIRED.
6. LOCATE NORMAL LOCKER ON EMERGENCY SHUTDOWN PANEL.
7. HIGH POINT VENTS NEEDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
8. LOW POINT DRAIN NEEDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
9. INSULATION SHOULD CONTINUE 5 FEET DOWN BRANCH LINE TOWARD SUMP ISOLATION VALVE.
10. INSULATION SHOULD CONTINUE 5 FEET DOWN 8 INCH BRANCH LINE.
11. PUMP SHOULD BE INSULATED TO THE FIRST VALVE IN PU SYSTEM.
12. LOCATE TEST VENT HANGS ON 14 INCH OR ELBOW WHEN CONTINUOUS OPERATION.
13. VENT AND DRAIN ASSEMBLIES ARE TO BE FURNISHED AND INSTALLED IN ACCORDANCE WITH NC-1586-00-02-0002 USING ENGINEERING SPECIFICATION NC-1586-10, 10.10 AND 10.11.
14. THIS VALVE HAS A NON-STANDARD OPERATING TIME OF 20 SEC. MINIMUM.
15. VALVE DOWNSET EQUALIZATION LINE, ADJUSTIVELY LOCKED NORMALLY. IF NECESSARY TO CLOSE, DO NOT OPERATE.
16. VENT CONDUIT FOR THE 1/2" HOLE DRILLED IN PIPE RETURN.

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
PN01	PS 151.2	50 PSIG	110 F	B	SS
PN02	PS 151.4	50 PSIG	110 F	B	SS
PN03	PS 250.1	2405 PSIG	550 F	A	SS
PN04	PS 151.2	180 PSIG	320 F	B	SS
PN05	PS 151.4	180 PSIG	320 F	B	SS
PN06	PS 250.1	2405 PSIG	550 F	A	SS
PN07	PS 151.2	2405 PSIG	550 F	A	SS
PN08	PS 401.2	450 PSIG	350 F	B	SS
PN09	PS 601.2	600 PSIG	350 F	B	SS
PN10	PS 151.4	50 PSIG	110 F	B	SS
PN11	PS 151.4	50 PSIG	110 F	B	SS

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPD	DATE	FILED	REVISION
1	AS-BUILT PER MCFD-1561-01.00								
2	AS-BUILT PER MCFD-1561-01.00								
3	AS-BUILT PER MCFD-1561-01.00								
4	AS-BUILT PER MCFD-1561-01.00								
5	AS-BUILT PER MCFD-1561-01.00								
6	AS-BUILT PER MCFD-1561-01.00								
7	AS-BUILT PER MCFD-1561-01.00								
8	AS-BUILT PER MCFD-1561-01.00								

OR CONDITION 1 AND 2
DUKE POWER COMPANY
MCUIRE NUCLEAR STATION UNIT 1
FLOW DIAGRAM OF
RESIDUAL HEAT REMOVAL
SYSTEM (IND)

DESIGNER: MCFD-1561-01.00
DATE: 11-28-82
INSP: J. B. BROWN
DATE: 12-17-82

NO. REVISIONS

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