



DWG. NO. MCFD-1561-01.00

RFR01-03

Attachment

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RFR01-03
PORTION
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- THIS COMPONENT WAS NOT BUILT TO A SPEC. HOWEVER IT WAS BUILT TO THE APPLICABLE CODE AT THE TIME OF PURCHASE AS PER RECORD DRAWING NO. 10-1-2.
- TEMPORARY STRANDER IS PLACED IN THE SPOOL SPACE DURING INITIAL FLUSHING OPERATIONS. STRANDER MUST BE REMOVED BEFORE PLANT STARTUP. COPPED LINE IS CONNECTED TO PRESSURE GAUGE DURING INITIAL FLUSHING.
- SAMPLE LINE SHOULD BE LOCATED FROM PIPE BOTTOM.
- SEE NC-1573-1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
- INSULATE RECIRCULATION LINES AS REQUIRED.
- LOCATE NORMAL LOCKER ON EMERGENCY SHUTDOWN PANEL.
- HIGH POINT VENTS NEEDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
- LOW POINT DRAIN NEEDED BY CONSTRUCTION FOR HYDRO. AND FLUSH.
- INSULATION SHOULD CONTINUE 5 FEET DOWN BRANCH LINE TOWARD SUMP ISOLATION VALVE.
- INSULATION SHOULD CONTINUE 5 FEET DOWN 8 INCH BRANCH LINE.
- PIPE SHOULD BE INSULATED TO THE FIRST VALVE IN PV SYSTEM.
- LOCATE TEST VENT HANGS ON 14 INCH OR ELBOW WHEN CONTAINER REPOSITIONING.
- 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 AND 10.
- THIS VALVE HAS A NON-STANDARD OPERATING TIME OF 20 SEC. MINIMUM.
- VALVE DOWNSET EQUALIZATION LINE, ADJUSTMENT/LOCKED POSITION, IS REQUIRED TO CLOSE, BUT NOT OPEN.
- 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	520 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	520 F	A	SS
PN07	PS 151.2	2405 PSIG	520 F	A	SS
PN08	PS 401.2	450 PSIG	320 F	B	SS
PN09	PS 601.2	600 PSIG	320 F	B	SS

NO.	REVISIONS	BY	DATE	CHKD	DATE	APPD	DATE	INSPECTED
8	AS-BUILT PER MCFD-11624	DBP	11/28/82	ECK	11/28/82	ARS	MND	BSH
7	AS-BUILT PER MCFD-11606	PSC	11/28/82	DBH	11/28/82	ARS	MND	JVB
6	AS-BUILT PER MCFD-11622	ARD	11/28/82	ALL	11/28/82	HAY	TRP	MND
5	REVISED PER SPN 84408	ARD	11/28/82	SKK	11/28/82	ARS	MND	JVB
4	AS BUILT PER MCFD-12408/MCFD-12409	SKK	11/28/82	WVP	11/28/82	ARS	MND	JVB
3	AS-BUILT PER MCFD-11624	ARD	11/28/82	ARD	11/28/82	ARS	MND	JVB
2	AS-BUILT PER MCFD-11624	JVB	11/28/82	SKK	11/28/82	ARS	MND	JVB
1	REVISED PER SPN 82421	RVK	11/28/82	SKK	11/28/82	ARS	MND	JVB

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

NOTE: DRAWING MCFD-1561-01.00 REPLACES NC-1561-1-R REV. 10

DATE: 11-28-82
DRAWN BY: DBP
CHECKED BY: ECK
DATE: 11-28-82
APP'D BY: ARS
DATE: 11-28-82
INSPECTED BY: MND
DATE: 11-28-82

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