NOTES:

1. USE REDUCING INSERTS
2. TEMPORARY STRAINER IS PLACED IN THE SPOOL PIECE DURING INITIAL FLUSHING OPERATIONS. STRAINER MUST BE REMOVED BEFORE PLANT STARTUP. CAPPED LINE IS CONNECTED TO PRESSURE GAUGE DURING INITIAL FLUSHING.
3. SAMPLE LINE SHOULD SLOPE DOWNWARD FROM PIPE BUTTON.
4. SEE MC-1573-1 FOR ADDITIONAL CONNECTIONS ON PUMPS.
5. -
6. LOCATE MANUAL LOADER ON EMERGENCY SHUTDOWN PANEL.
7. HIGH POINT VENTS PROVIDED BY CONSTRUCTION FOR HYDRO. AND FLUSH
8. LOW POINT DRAIN PROVIDED BY CONSTRUCTION FOR HYDRO. AND FLUSH

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	2485 PSIG	650°F	A	SS
02	2485 PSIG	650°F	A	SS
03	600 PSIG	650°F	B	SS
04	600 PSIG	650°F	B	SS
05	600 PSIG	650°F	E	SS
06	600 PSIG	650°F	E	SS
07	600 PSIG	650°F	E	SS
08	50 PSIG	200°F	E	SS
09	600 PSIG	650°F	B	SS
10	600 PSIG	650°F	B	ST

SYSTEM CHANGE ORDER NUMBER MC-1561-1.0 CN3

REVISION	REVISION INFORMATION	DESCRIPTION
4	CHANGE AS PER AS BUILT DESIGN CHANGE AUTHORIZATION MCE-1820-5	

DESIGNED: [illegible] DATE 4-7-78 INSPECTED: WATSON DATE —
CHECKED: [illegible] DATE 4-7-78 INSPECTED: [illegible] DATE 4-7-78
APPROVED: [illegible] DATE 4-7-78

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF
RESIDUAL HEAT REMOVAL
SYSTEM (ND)

ORIGINAL ISSUE	DATE 12-20-78	DATE
REVISION 1	DATE 2-28-78	DATE
REVISION 2	DATE 3-22-78	DATE 4-7-78

SCALE — DWG. NO. MC-1561-1.0 REV. 4

AS BUILT
DATE 4-7-78

TI 'APERTURE' CARD

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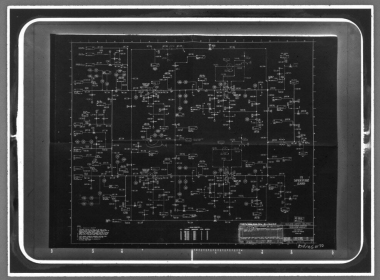
PDR

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