



MARK NUMBER	DESCRIPTION	SIZE	QTY
V1519	V1519-2	3/4"	1
V1520	V1520-2	3/4"	1
V1521	V1521-2	3/4"	1
V1522	V1522-2	3/4"	1
V1523	V1523-2	3/4"	1
V1524	V1524-2	3/4"	1
V1525	V1525-2	3/4"	1
V1526	V1526-2	3/4"	1
V1527	V1527-2	3/4"	1
V1528	V1528-2	3/4"	1
V1529	V1529-2	3/4"	1
V1530	V1530-2	3/4"	1
V1531	V1531-2	3/4"	1
V1532	V1532-2	3/4"	1
V1533	V1533-2	3/4"	1
V1534	V1534-2	3/4"	1
V1535	V1535-2	3/4"	1
V1536	V1536-2	3/4"	1
V1537	V1537-2	3/4"	1
V1538	V1538-2	3/4"	1
V1539	V1539-2	3/4"	1
V1540	V1540-2	3/4"	1

- NOTES:
1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PROVIDED WITH THIS DRAWING EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN. ALL INSTRUMENT AND EQUIPMENT NUMBERS WHICH ARE A PART OF THE NUCLEAR SAFETY FEATURES SYSTEM.
 2. ALL INSTRUMENT NUMBERS SHOWN IN SQUARES TO BE PROVIDED BY THE USER AS SHOWN ON THIS DRAWING.
 3. ALL INSTRUMENT LINES SHOULD BE IDENTIFIED BY THE INSTRUMENT NUMBER AND THE SYMBOL TO BE CL 1518. ALL INSTRUMENT LINES OUTSIDE THE SYMBOL TO BE CL 1502.
 4. ALL SUPPLIED RELOC PIPING IS OF TYPE 316L MATERIAL.
 5. RELOC VALVE VENT & DRAIN PIPING IS CL 1518.
 6. ALL RELIEF VALVE VENT & DRAIN CONNECTIONS ARE 3/4".
 7. SEE PID-304 FOR HYDRAULIC ACTUATOR PIPING CONNECTION DETAILS.
 8. UNION ENDS ARE PROVIDED BEFORE & AFTER THE FLOW SWITCH.
 9. CONDENSATE COOLING WATER CONNECTION SIZE & TYPE SHOWN ON PID-109.
 10. LINES 1" NOMINAL PIPE SIZE AND SMALLER WHICH ARE PART OF THE REACTOR COOLANT SYSTEM PRESSURE BOUNDARY (RCS) SHALL BE SAFETY CLASS 2.
 11. OCCURRING TO VENT PIPING TO BE CL 1518 SCHEDULE 40.
 12. THIS INSTRUMENT REQUIRES SETTING DIMENSIONAL AND MAY BE ASSUMED TO BE AS SHOWN UNLESS OTHERWISE NOTED.
 13. INDICATES EQUIPMENT SUPPLIED BY: E-HEEL.
 14. MINIMUM DISTANCE FOR INSTALLATION.
 15. NO LINE SHOWN ON CORRESPONDING DOCUMENT.
 16. COORDINATES PROVIDE INTERFACE LOCATION.

SI APERTURE CARD
 NUCLEAR SAFETY RELATED
 QA CAT I, II
 NINE MILE POINT
 NUCLEAR STATION - UNIT 2
 SCRIBA, N.Y.
 PIPING & INSTRUMENTATION DIAGRAM
 REACTOR RECIRCULATION SYSTEM

REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	WF	REV	DATE	DESCRIPTION OF REVISION	W.D.	DFT	DES	CHKD	ENG	ELEC	MECH	STR	WF		
13	2-16-91	INCORPORATES EDC 21020318 INCORPORATES EDC 21020418 INCORPORATES MOD P1218BK118	KSR	PJR	BAL	UB	RSB					11	2-21-92	INCORPORATES EDC 211218 INCORPORATES NEW BODDER										14	6-23-91	INCORPORATES EDC NO. 21020269											

07-141-92

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