

12177-EK-431B-1

SAMPLE LINE IDENT	SAMPLE LINE SOURCE	DESCRIPTION	PANEL NUMBER	REMARKS
25SR-SML-1	2RMS850V 35A	RESIDUAL HEAT REMOVAL SYSTEM DISCHARGE (SHELL)	BHD CONN I	
25SR-SML-2	2RMS850V 35B	RHS HEAT EXCHANGER	BHD CONN J	
25SR-SML-3	2CSM-V100	HIGH PRESSURE CORE SPRAY SYSTEM TO CONDENSATE STORAGE TANKS	BHD CONN G	
25SR-SML-4	25FC-BV225		BHD CONN W	
25SR-SML-5	25FC-BV224		BHD CONN O	
25SR-SML-6	25FC-V55		BHD CONN K	
25SR-SML-7	25FC-V223A		BHD CONN L	
25SR-SML-8	25FC-V223B		BHD CONN M	
25SR-SML-9	2WCS-V64		BHD CONN A	
25SR-SML-10	2WCS-V56		BHD CONN B	
25SR-SML-11	2WCS-V251		BHD CONN C	
25SR-SML-12	2WCS-V68		BHD CONN D	
25SR-SML-13	2WCS-V253		BHD CONN E	
25SR-SML-14	2RDS-V93	CONTROL ROD DRIVE SYSTEM	BHD CONN H	
25SR-SML-15	2RCS-V68	REACTOR COOLANT RECIRC SYSTEM LOOP A	BHD CONN F	



MARK	GROUP (NOTE 8)	TUBING	STANDARD
1	1	ASME SA 213 GR TP 316 SMLS SS	PIPING & TUBING STANDARD FOR ASME III INSTALLATIONS (COBIA)
28	28		
3	3	ASTM A 213 GR TP 316 SMLS SS	PIPING & TUBING STANDARD FOR ASME III INSTALLATIONS (COBIA)
4	4		
2A	2A		
		ASTM B 88 COPPER NO.122 SMLS CU OD TUBE	
		COPPER NO.122 SMLS COPPER WATER TUBING	

NOTE:
FOR TYPE OF FITTINGS AND VALVES USED WITH EACH MARK REFER TO STANDARD IN SPECIFICATION NO. NMP 2-COBIA.

- NOTES:
- SCALE: 1/8"=1'-0" UNLESS OTHERWISE NOTED.
 - INSTRUMENT RUNS ARE SHOWN DIAGRAMMATICALLY AND ARE FOR FIELD GUIDANCE ONLY. THE EXACT LOCATION OF THESE LINES SHALL BE DETERMINED FROM FIELD MEASUREMENTS TAKEN BY THE INSTALLER.
 - SAMPLE PIPING TO BE INSTALLED SUPPORTED AND PROTECTED IN ACCORDANCE WITH INSTRUMENT INSTALLATION SPECIFICATION NO. NMP 2-COBIA.
 - REFER TO MANUFACTURER'S PRINTS FOR CONNECTIONS TO EQUIPMENT.
 - REFER TO INSTRUMENT BILL OF MATERIALS FOR INSTRUMENT MARK NUMBER SHOWN.
 - SAMPLE LINES ARE TAGGED AS IN ABOVE TABLE.
 - ALL DRAWING TO BE PREFIXED WITH '12177' EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
 - FOR GROUP DEFINITION REFER TO INSTRUMENT INSTALLATION SPECIFICATION NO. NMP 2-COBIA, SECTION 1.
 - CONTRACTOR MUST REVIEW ALL PRE-ENGINEERED DRAWINGS AND DOCUMENTS PRIOR TO INSTALLATION OF FIELD RUN TUBING TO AVOID INTERFERENCE.

REFERENCE DRAWINGS

INSTR. PP. REAC. BLDG. EL. 175'-0"	EK-401 SERIES
SAMPLE PP. REAC. BLDG. EL. 261'-0"	EK-431A
SAMPLE PP. REAC. BLDG. EL. 240'-0" & 289'-0"	EK-431C
SAMPLE PP. REAC. BLDG. EL. 305'-0"	EK-431D
SAMPLE PP. REAC. BLDG. EL. 323'-0"	EK-431F

JACH LOC REACTOR BLDG. PLAN EL. 175'-0" EM-2A
MACH LOC REACTOR BLDG. PLAN EL. 215'-0" EM-2B
MACH LOC REACTOR BLDG. PLAN EL. 240'-0" EM-2C
MACH LOC REACTOR BLDG. PLAN EL. 251'-0" EM-2D
MACH LOC REACTOR BLDG. PLAN EL. 289'-0" EM-2E
MACH LOC REACTOR BLDG. PLAN EL. 32'-0" EM-2F
THINBLE LOC. PLAN REAC. BLDG. EP-105
REAC. PLANT SAMPLING FSK 21-2
SAMPLE PANELS & ANALYZING EQUIP. SPEC. NMP2-P272V

PRC
APERTURE
CARD



APPROVED: *Subscribed & Signed* *DATE*
STATE OF NEW YORK
ALTERNATE OR EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL.

NUCLEAR SAFETY RELATED
QA CAT II

SAMPLE PIPING
REACTOR BUILDING
PART. PLAN EL. 215'-0"
NINE MILE POINT NUCLEAR STATION - UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WILSON ENGINEERING CORPORATION
CHERRY HILL, NJ
12177-EK-431B-1

THE INFORMATION ON THIS DRAWING HAS NOT BE CORRECTED OR USED FOR OTHER THAN THE CONSTRUCTION MAINTENANCE OR REPAIR OF THE PLANT FACILITY INDICATED BY THE TITLE BLOCK.

NO.	REVISION	DATE	BY	CHKD.	DESCRIPTION
1					ORIGINAL ISSUE FOR CONSTRUCTION

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