



NOTES CONT

- CONTINUOUS HIGH FLOW FOR GREATER THAN 10 MINUTES INDICATES RUPTURED HEADER DOWNSTREAM AND WILL CAUSE AUTOMATIC CLOSURE OF ISOLATION VALVES.
- THE VALVES ASSOCIATED WITH EACH ACCUMULATOR AND SAFETY/RELIEF VALVE ARE ASSIGNED THE SAME SUFFIX AS THE SAFETY/RELIEF VALVE.
- THE NORMAL MODE OF OPERATION IS WITH MOTIVE GAS SUPPLY FROM THE NITROGEN PURGE AND INERTING SYSTEM VIA F001A & B. THE EQUIPMENT NECESSARY TO OPERATE AS DESCRIBED IN NOTE 4 IS OUT OF SERVICE.
- IF P70 SYSTEM IS IMPEROPERABLE THE INTERNALS OF F016 MAY BE REMOVED TO ALLOW USE OF RECEIVER A001. IF RECEIVER IS TO BE USED, VALVE F015 IS TO BE CLOSED AND THE CONTROL SWITCH FOR F001A PLACED IN THE OPEN POSITION.

NOTES

- ALL EQUIPMENT AND INSTRUMENT NOs ON THIS DRAWING PRECEDED BY MPL NO. P70; UNLESS OTHERWISE NOTED. EXAMPLE P70-F005.
- ALL PIPING AND COMPONENTS TO BE INSTALLED CLEAN; NO VISIBLE DIRT OR FOREIGN PARTICLES; INSURE THAT ALL CLEANING SOLUTION IS REMOVED, ESPECIALLY FROM PIPING LOW POINTS.
- DESIGN OF PIPING, ETC., SHOULD BE SUCH THAT DRYWELL ATMOSPHERE WILL NOT LEAK INTO THE ENVIRONMENT.
- ONE COMPRESSOR WILL OPERATE TO HANDLE THE BASE LOAD WHILE THE SECOND WILL BE STANDBY. PRESSURE SWITCH P70-N005A LOCATED ON RECEIVER WILL START AND STOP THE COMPRESSOR THAT HAS BEEN SELECTED "AUTO". IF THIS COMPRESSOR FAILS TO START, IT WILL BE ALARMED IN MAIN CONTROL ROOM. PRESSURE SWITCH P70-N005B WILL START & STOP THE COMPRESSOR WHICH HAS BEEN SELECTED "STANDBY". IF "STANDBY" COMPRESSOR FAILS TO START IT WILL BE ALARMED IN MAIN CONTROL ROOM. IF BOTH COMPRESSORS FAIL AND PRESSURE FALLS BELOW 100.0 PSIG, PRESSURE SWITCHES P70-N006A OR P70-N006B WILL OPERATE BACKUP N2 SYSTEM AND WILL ALSO ALARM IN MAIN CONTROL ROOM. WHEN COMPRESSOR COMES BACK ON LINE AND PRESSURE IN RECEIVER EXCEEDS 106.0±1.7 PSIG BACKUP N2 SYSTEM WILL CLOSE AND SYSTEM WILL RETURN TO NORMAL COMPRESSOR OPERATION.
- VALVE F029, NORMALLY LOCKED CLOSE TO BE OPENED ONLY DURING SHUTDOWN. ISOLATION VALVES F017, F027A AND F027B SHOULD BE CLOSED WHEN VALVE F029 IS OPEN.
- CONNECTION TO BE AT SUCTION PIPING LOW POINT.
- SYSTEM WILL BE ALL WELDED EXCEPT FOR EQUIPMENT REQUIRING REMOVAL CAPABILITY, WHERE SOCKET WELDED UNION ENDS MAY BE USED.
- ACCUMULATORS AND ADJACENT CHECK VALVES SUPPLIED WITH SYSTEM B21.
- NORMALLY LOCKED CLOSED VALVE TO BE OPENED DURING PLANT SHUTDOWN TO DRAIN WATER.
- WHERE G.V.-NUMBERS ARE SHOWN, THE VALVES ARE TAGGED WITH THESE NUMBERS, WHERE G.V.-NUMBERS ARE NOT SHOWN, THE VALVES ARE TAGGED WITH THE MPL NUMBER.
- NORMALLY LOCKED CLOSED VALVE TO BE OPENED DURING CONTAINER LEAK TEST TO VENT N2 HEADER.
- SOLENOID VALVE POSITION INDICATION SWITCHES ARE PROVIDED IN THE OPEN AND CLOSED POSITIONS.

REFERENCES

REFERENCES	MPL NO.	S.S. NO.
1. NITROGEN INERTING SYSTEM PAID	148-1010	H-16000
2. INSTRUMENT AIR SYSTEM PAID	P52-1010	H-16239
3. PRIMARY CONTAINMENT ISOLATION SYSTEM (BECHTEL PLAN)	H-17801-804	
4. PIPING AND INSTRUMENT SYMBOLS	A41-1010	S-15051
5. REACTOR BUILDING VENTILATION SYS. PAID	T41-1010	H-16005
6. REACTOR BUILDING COOLING P42-1010 COOLING WATER SYSTEM	H-16009	
7. DIGITAL INPUT SIGNALS TO X75-1010 THE EPIC COMPUTER SYS I.E.D. SH. 8 OF 15 (CONT.)	H-16410	

REFERENCES (CONT.)

- CLASS I DIV. I ANALOG SIGNAL CONVERSION/SOL IED QH11-P605A
- CLASS I DIV. II ANALOG SIGNAL CONVERSION/SOL IED QH11-P605B
- DRYWELL PNEUMATIC SYSTEM P.A.I.D., SHEET 2
- MANIFOLD PIPING FOR NITROGEN BOTTLES PLAN AND SECTIONS.

MPL NO.	S.S. NO.
X75-1010	H-16395
X75-1010	H-16396
P70-1020	H-16299
B-18290	HOLD

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LICENSE RENEWAL DOCUMENT

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LICENSE RENEWAL SCREENING FOR INFORMATION ONLY

EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1 DRYWELL PNEUMATIC SYSTEM P. & I. D. SH. 1

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