



- NOTES:**
1. ALL SOLENOID VALVES ARE OPERATED BY AC POWER UNLESS NOTED AS DC.
 2. ALL VALVES AND INSTRUMENTATION ARE SUPPLIED BY BECHTEL OR BECO EXCEPT AS NOTED OR AS DESIGNATED BY + (C.B. & I. PROVIDER) OR * (PROVIDER WITH ASSOCIATED EQUIPMENT).
 3. EXISTING IN PERSONNEL ACCESS LOCK.
 4. FQ-5061 & PI-5062 SHALL BE LOCATED NORTH OF WALL AT COLUMN LINE R AND EAST OF COLUMN LINE 12.2 (REFER DWG 5488-M-H).
 5. PSV A & B ARE INTERNAL WITH ATLAS-CUPCO COMPRESSOR PACKAGE.
 6. RECIRC BLOWER B201 IS A FACTORY SUPPLIED PACKAGE INCLUDING WATER SEPARATOR, SEAL COOLER AND CONTROLS AS SHOWN TO BE FIELD TESTED.
 7. EQUIPMENT LISTED AS ILRT IS USED FOR LEAK RATE TEST NOT SHOWN ON P & ID BUT IS INSTALLED IN PLACE NORTH WALL ELEV-23' REACTOR BUILDING.
 8. COMPRESSOR INCORPORATES ELECTRONIC CONTROLS HS & TOR RELAY.
 9. K201A SWITCHED ON-OFF FROM MCC.
 10. SEAL WATER MAKE-UP TO BE IN ACCORDANCE WITH PLUMBING CODE.
 11. ALL EQUIPMENT LISTED AS ILRT IS EXISTING AND INSTALLED.
 12. ADDED 4" VERTICAL CHECK VALVE TO BE INSTALLED IN OUTLET N-202, ADDED 1 1/2" SOLENOID VALVE TBCCW INLET AS INSTRUCTED BY ATLAS/CUPCO REPRESENTATIVE.
 13. INTER-STAGE BLEED OF PRESSURE SWITCH ATLAS/CUPCO TO M289 WHITNEY TYPE VALVE AND TBCCW.
 14. ADDED 6" B-32 WITH BLIND FLANGE TO ACCOMMODATE ILRT.
 15. ALL PROCESS LINE PIPE CONNECTIONS ARE 1/2" 6004 GATE VALVES, TBCCW TO BE VENTED AT HIGH POINT.
 16. INTERNALS OF WYE STRAINER TBCCW INLET TO K202 TO BE REMOVED AFTER START UP.
 17. PRESSURE RELIEF VALVES PCV A,B,& C ARE VENDOR SUPPLIED.
 18. AS BUILT DRAWING.
 20. PIPING CONTINUED ON DRAWINGS M10-1-5 AND M10-3-4.
 21. THERE ARE TWO SETS OF INDICATING LIGHTS FOR THIS VALVE ON C904.
 22. THIS LINE TO MISCELLANEOUS AIR STATION.

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

PRIMARY CONTAINMENT ATMOSPHERE CONTROL SYSTEM AMRM-08

E47 8/04 REVISED FOR ER 04100239 PER DCM 15839		TEB	-	DLJ	FJD	SCALE	NONE	DESIGNED	BECD	DRAWN	BECD	E
E48 10/03 REVISED PER DCM 03-15486		TEB	-	AEJ	HLB	BOSTON EDISON		PILGRIM STATION NO. 600				
E45 5/03 REVISED FOR CR-PMS-2003-00209 PER DCM 14756		CTS	-	AEJ	HLB	BOSTON EDISON COMPANY		P & ID				
E44 10/03 REVISED FOR FPM 01-01-81 PER DCM 11703		CTS	-	AEJ	HLB	BOSTON EDISON COMPANY		CONTAINMENT ATMOSPHERIC				
E43 10/03 REVISED PER DCM 99-07226		CTS	-	AJB	DLJ	BOSTON EDISON COMPANY		CONTROL SYSTEM				
E42 10/03 REVISED FOR FPM 99-04-42 PER DCM 07162		OLT	-	NM/DLJ	DLJ	BOSTON EDISON COMPANY		TITLE				
E41 8/99 REVISED FOR FPM 99-2267 PER DCM 07128		OLT	-	NM/DLJ	DLJ	BOSTON EDISON COMPANY		P & ID				
E40 8/99 REVISED FOR CLERICAL UPDATE PER DCM 99-05366		TPW	-	NM/DLJ	DLJ	BOSTON EDISON COMPANY		CONTAINMENT ATMOSPHERIC				
E39 10/99 REVISED FOR POC 97-23 PER DCM 04410		TEB	-	AEJ	DLJ	BOSTON EDISON COMPANY		CONTROL SYSTEM				
E38 10/99 REVISED FOR PR 98-2572.00 PER DCM 04382		TEB	-	AEJ	DLJ	BOSTON EDISON COMPANY		TITLE				
E37 9/98 REVISED FOR PR 97-0850 PER DCM 03782		CTS	-	AJB	DLJ	BOSTON EDISON COMPANY		P & ID				
E48 8/04 REVISED FOR ER 0411499 PER DCM 16494		LCC	-	DLJ	HSS	BOSTON EDISON COMPANY		CONTAINMENT ATMOSPHERIC				
TITLE OF REFERENCE DRAWINGS		DWG NUMBERS		NO DATE		REVISIONS		BY ENG		CHK APP		REV
3		41100-1929		FSAR		DWG		FIGURE 5.4-1		(REV 16)		N:\ACAD\MECH\F&ID\M227S

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
1	03-05	DESCRIPTION	BY	ENG	CHK	APP
LRA-M-227-SH-02-0						
LRA-M-227-SH-02-48.DGN						
M227SH2-CALS-E48.CAL						