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PAGE-P-1 - NOTE # 4 - NO ASBESTOS INSULATION ON PIPING TO BE LEFT IN WALLS OR ELSEWHERE. BUILDING TO BE ASBESTOS FREE

PAGE-P-8 - TOILET #13 WASTE RISER DIAGRAM SHOULD BE FOR (3) P-3 AND (1) P-2 (NOT (4) P-3)

PAGE P-4 MENS TOILET - WHY WAS SHOWER "NOT" REPLACED.

PAGE M-3 - SALAD REFER UNIT NOT SHOWN FOR REPLACEMENT

LE704MS
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PAGE M-9

KEY NOTE #19 RELIEF VALVE SETTING, SHOULD BE MAX. 15 PSI.

KEY NOTE #16 STEAM PRESSURE REDUCING VALVE (NORMAL WORKING PRESSURE 3-6 PSI) SHOULD HAVE A WORKING RANGE OF 100 - 0 PSI. MAINTAIN FEED WATER TEMPERATURE ABOUT 221 °F.

KEY NOTE #23 BOILER FEED WATER PUMP SHALL DELIVER 3% MORE WATER/PRESSURE THAN SETTING OF SAFETY VALVES. #9 BOILER S/VS ARE SET AT 150 PSI.
(ASME, SECTION I POWER BOILERS
W 83 - PG-61)

60.6.2.1 At the boiler or superheater outlet (following the last section which involves absorption of heat), and

60.6.2.2 At the boiler or economizer inlet (preceding any section which involves absorption of heat), and

60.6.2.3 Upstream of any shutoff valve which may be used between any two sections of the heat absorbing surface.

60.6.3 Each boiler shall be provided with a valve connection at least ¼ in. pipe size for the exclusive purpose of attaching a test gage when the boiler is in service, so that the accuracy of the boiler pressure gage can be ascertained.

60.6.4 Each high-temperature water boiler shall have a temperature gage so located and connected that it shall be easily readable. The temperature gage shall be installed so that it at all times indicates the temperature in degrees Fahrenheit of the water in the boiler, at or near the outlet connection.

PG-61 FEEDWATER SUPPLY

W83 **61.1** Except as provided for in PG-61.2 and PG-61.4, boilers having more than 500 sq ft of water-heating surface shall have at least two means of feeding water. Except as provided for in PG-61.3, PG-61.4, and PG-61.5, each source of feeding shall be capable of supplying water to the boiler at a pressure of 3% higher than the highest setting of any safety valve on the boiler. For boilers that are fired with solid fuel not in suspension, and for boilers whose setting or heat source can continue to supply sufficient heat to cause damage to the boiler if the feed supply is interrupted, one such means of feeding shall not be susceptible to the same interruption as the other, and each shall provide sufficient water to prevent damage to the boiler.

61.2 Except as provided for in PG-61.1, a boiler fired by gaseous, liquid, or solid fuel in suspension may be equipped with a single means of feeding water provided means are furnished for the shutting off of its heat input prior to the water level reaching the lowest permissible level established by PG-60.

61.3 For boilers having a water-heating surface of not more than 100 sq ft the feed connection to the boiler shall not be smaller than ½ in. pipe size. For boilers having a water-heating surface more than 100 sq ft the feed connection to the boiler shall not be less than ¾ in. pipe size.

61.4 High-temperature water boilers shall be provided with means of adding water to the boiler or system while under pressure.

61.5 A forced-flow steam generator with no fixed steam and water line shall be provided with a source of feeding capable of supplying water to the boiler at a pressure not less than the expected maximum sustained pressure at the boiler inlet, as determined by the boiler Manufacturer, corresponding to operation at maximum designed steaming capacity with maximum allowable working pressure at the superheater outlet.

SAFETY VALVES AND SAFETY RELIEF VALVES[17]

PG-67 BOILER SAFETY VALVE REQUIREMENTS

67.1 Each boiler shall have at least one safety valve or safety relief valve and if it has more than 500 sq ft of bare tube water-heating surface, or if an electric boiler has a power input more than 1100 kW, it shall have two or more safety valves or safety relief valves. For a boiler with combined bare tube and extended water-heating surface exceeding 500 sq ft, two or more safety valves or safety relief valves are required only if the design steam generating capacity of the boiler exceeds 4000 lb/hr. The method of computing the steam generating capacity of the boiler shall be as given in A-12. Organic fluid vaporizer generators require special consideration as given in Part PVG.

67.2 The safety valve or safety relief valve capacity for each boiler (except as noted in PG-67.4) shall be such that the safety valve, or valves will discharge all the steam that can be generated by the boiler without allowing the pressure to rise more than 6% above the highest pressure at which any valve is set and in no case to more than 6% above the maximum allowable working pressure. The safety valve or safety relief

[17]Safety Valve: An automatic pressure relieving device actuated by the static pressure upstream of the valve and characterized by full-opening pop action. It is used for gas or vapor service.

Relief Valve: An automatic pressure relieving device actuated by the static pressure upstream of the valve which opens further with the increase in pressure over the opening pressure. It is used primarily for liquid service.

Safety Relief Valve: An automatic pressure-actuated relieving device suitable for use either as a safety valve or relief valve, depending on application.

B 265
CA 86-9517

~~Sheet E-7~~
~~Sheet E-4 No Ex Fans in Heads & Dressing~~ PM

Note 1 Sheet E5 - CKTS B-658 should be balanced ckt. Note 1 Note Clear

Note 2. Showing All Outlets on B-4 Not Any on B-2. Not Clear

Sheet E6 - Note 1 To Power Outlets on Band Platform

Note 2. All Sub Panels & Dis Connects. Install Equip. Gr conductors

* Sheet E-7 Note A. These Panels Needs To be Replaced Install New Feeders w/ Equip Grounding Conductors.

Sheet E-1 Note A. We want The old & deteriorated wire, C.T. & Cabinet Replaced

Note-2 Sheet E-7 Install Ex Fans in (2) EA Elect Rooms. (Main Switch Room)

Sheet E-9
(1) Note A. Ckt C-7 Number of wire Not Clear For Home Run.
General Note (2) Note B No Gr Wire in Switch Legs
(3) Note C. Should Exit Lights Be Add in Thes Areas

(4) General Note Is There enough Emg Lights. in Bldg

Sheet E7-E8-E9
General Note. No Grounding Conductor To Light Switches.

C#9517

B. 2615 Elect

Page / ~~to~~ Panels

(4) E-1. A & B. - Does not show Panels on Demo -

(4) E-1. ✓ C. - Panels Disconnects & wiring should be Replaced.

(3) E-2. ✓ Rear Hallway shown to be Demo, Pages E5 & E8 shows (No work in these Areas) Hallway should be rewired w/ Lights & Receptacles in Rear Hallway. & Out Side on bldg -

(4) E-6. ✓ Ex Fan Ckt. Should have # 10 Ground.

(5) E-7. ✓ No Ex Fans shown in Women's & men's heads & dressing Rooms -

E-#6. RPL Lights around Swimming Pool w/ State of the Art Lighting & Rewire Per N.E.C.

Page 10 #10-1. Note #4 Asbestos should be Removed in Walls and Chases. Building to be Asbestos Free at Contr. Completion.

2407/2406

H-14

Major Williams

OCT.

(April/not

C# 87-B-9319 BLDG-41

Page E3. Note (2) #1 We want Bolt in Panels & Breakers Not Plug on)

— (9). #2 New Fire Alarm Sys. Connected To Station Sys.

#3 Prints doesn't Show Location of Main Service Entrance, Main Service Panel Equip. or Sub Panels & Disconnects.

C# 87-B-9319 BB.8 3φ

Page E3 #(1) Panel PDP-A 225A Plug in Type Breakers, We want Bolt in Type Panel & Breakers.

Page E3 #(2) Panel PDP-B 100 A : 3φ. Plug in Type Breaker, We want Bolt-in Type Panel & Breakers.

#3 No Exit Lights Shown on Prints.