## **General System Diagram of Palo Verde Nuclear Generating Station** Legend:: Safety Injection Systems TO TO **Reactor Coolant System** Containment Switchyard **Main Steam System** -~~~ Building **Main Feedwater System** Main Condensate System CONTAINMENT SPRAY **Circulating Water System** Transformer **Turbine Building Auxiliary Feedwater System** Cooling Tower Safety and Fans njection Moisture Separator MSSVs ADVs Tank A XO Reheaters Steam Auxiliary Generator MSIV Pressurizer Building Control **MSSS** Shutdown Rods Equipment Cooling Bldg. Heat Exchanger 쥢 From Auxiliary Containment Turbine -eedwater Bypass Spray Pump Valves Pumps Refueling Condensate Core Main Condenser Reactor Pump Water Coolant Low Pressure Safety Tank (LP) Circulating (HP) Pump **Injection Pump** Feedwater Feedwater Water Pump Heaters Heaters Ą High Pressure Safety Feedwater Injection Pump Regulation Main Feedwater Polishing Demineralizers Valve Pump Containment Sump