

## 4.2.2 (Contd)

Condensing Capacity During Full Load Rejection, Pounds per Hour	948,000
Air Ejector Capacity	10 Cubic Feet per Minute of Air Plus 1.1 Pounds per Hour of Hydrogen Plus 8.3 Pounds per Hour of Oxygen

(b) Operating Requirements

- (1) The following condenser pressure trips shall be operative during reactor power operations:

Annunciate, Inches Hg Absolute 5.0 ± 0.5

Turbine Trip and Bypass Valve Closure, Inches Hg Absolute 10.0 ± 0.5

- (2) The following condenser pressure trip shall be operable during reactor power operations when system pressure is 500 psig or higher:

Reactor Scram, Inches Hg Absolute 8.0 ± 0.5

4.2.3 Turbine Bypass Control System(a) Design Features Shall Be as Follows:

Flow Capacity at 1015 Psia, Pounds per Hour 739,000

Flow Capacity at 1465 Psia, Pounds per Hour 963,000

Maximum Speed, Full Valve Stroke, Seconds Approximately 0.2

4.2.4 Condensate and Feed-Water System

Two, 1000 gpm, half-capacity condensate pumps of conventional design shall be provided to pump condensate from the condenser through the condensate system to the suction of the reactor feed pumps. The condensate system shall be designed for 200 psig and 300°F.

Three, half-capacity, mixed bed ion exchangers, designed to each pass 1000 gpm, shall be provided for removal of reactor solids carry-over and turbine-condenser system corrosion products.

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TO: Mr. Don K. Davis

FROM: Consumers Pwr. Company  
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RJL

ENCLOSURE

Amdt. to OL/change to tech specs...notorized 5/25/77...consists of supplement to submittal dated 9/10/75 concerning bypassing the high condenser pressure reactor trip any time steam drum pressure is less than 500 psig.....

(3-P)

**ACKNOWLEDGED**

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