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## 1.0 RHR SYSTEM OPERATIONS

### **CAUTION**

The following steps describe lining up RHR for LPCI. If the pump suction for the selected pump is NOT open, the pump will not initiate automatically on receipt of an injection signal.

### **CAUTION**

RHR-V-3A/B NOT full open makes LPCI inoperable.

### **CAUTION**

If power for the selected RHR system is NOT available, some valves will lose indications. If indications of either the injection valve or suction valve are lost, then the RHR train is considered inoperable.

**NOTE:** All equipment for this document is located on P601 unless stated otherwise.

### 1.1 **RHR SYSTEM 'A'**

1. **CLOSE** RHR-V-53A "SHUTDOWN COOLING RETURN"
2. **CLOSE** RHR-V-6A "SHUTDOWN COOLING SUCTION"
3. **IF** RHR-P-2A is RUNNING,  
**THEN** stop RHR-P-2A.
4. **OPEN** RHR-V-4A "PUMP SUCTION FROM SUPP POOL"
5. **OPEN** RHR-V-48A "HX SHELL SIDE BYPASS"

### 1.2 **RHR SYSTEM 'B'**

1. **CLOSE** RHR-V-53B "SHUTDOWN COOLING RETURN"
2. **CLOSE** RHR-V-6B "SHUTDOWN COOLING SUCTION"
3. **IF** RHR-P-2B is RUNNING,  
**THEN** stop RHR-P-2B.
4. **OPEN** RHR-V-4B "PUMP SUCTION FROM SUPP POOL"
5. **OPEN** RHR-V-48B "HX SHELL SIDE BYPASS"

### 1.2 **RHR SYSTEM 'C'**

1. **IF** RHR-P-2C is RUNNING,

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**THEN** stop RHR-P-2C.

2. **OPEN** RHR-V-4C "PUMP SUCTION FROM SUPP POOL"