ATTACHMENT I

PROPOSED TECHNICAL SPECIFICATION CHANGES

RELATED TO

RESIDUAL HEAT REMOVAL SYSTEM MINIFLOW LINE VALVES

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286
NOVEMBER 7, 1980

d. One pressure and one level transmitter shall be operating per accumulator.

e. Three safety injection pumps together with their associated piping and valves are operable.

f. Two residual heat removal pumps and heat exchangers together with their associated piping and valves are operable.

g. Two recirculation pumps together with the associated piping and valves are operable.

h. Valves 856B and 856G in the Safety Injection discharge headers shall be closed and their power supplies de-energized.

i. Valve 1810 in the suction line of the high-level SI pumps and valves 882 and 744 in the suction and discharge lines, respectively, of the residual heat removal pumps shall be open and their power supplies de-energized.

j. Valves 842 and 843 in the mini-flow return line from the discharge of the safety injection pumps to the RWST are de-energized in the open position.

k. The refueling water storage tank low level alarms are operable and set to alarm between 98,100 gallons and 100,850 gallons of water in the tank.

l. Valve 883 in the RHR return line to the RWST is de-energized in the closed position.

m. Valves 1870 and 743 in the miniflow line for the Residual Heat Removal Pumps shall be open and their power supplies de-energized.

4. The requirements of 3.3.A.3 may be modified to allow any one of the following components to be inoperable at any one time:

ATTACHMENT II

SAFETY EVALUATION

RELATED TO

RESIDUAL HEAT REMOVAL SYSTEM MINIFLOW LINE VALVES

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Section I - Description of Modification

A new item (m) is added to Section 3.3.A.3, Engineered Safety Features - Safety Injection and Residual Heat Removal System. This item requires that valves 1870 and 743 in the miniflow line of the residual heat removal pumps are open and their power supplies de-energized whenever the reactor coolant system $T_{avg}$ exceeds 350°F.

Section II - Purpose of Modification

The purpose of this modification is to ensure that a spurious closing of either the 1870 or 743 valve following a safety injection signal (which automatically starts the Residual Heat Removal Pumps) does not damage the RHR pumps if the reactor coolant system pressure is high. The modification is in response to the Commission's September 22, 1980 letter.

Section III - Impact of the Change

These modifications will not alter the conclusions reached in the FSAR and SER accident analysis.

Section IV - Implementation of the Modification

The modifications as proposed will not impact the ALARA or Fire Protection Program at IP3.

Section V - Conclusion

The incorporation of these modifications: a) will not increase the probability nor the consequences of an accident or malfunction of equipment important to safety as previously evaluated in the Safety Analysis Report; b) will not increase the possibility for an accident or malfunction of a different type than any evaluated previously in the Safety Analysis Report; and c) will not reduce the margin of safety as defined in the basis for any Technical Specification, and d) does not constitute an unreviewed safety question.

Section VI - References

(a) IP3 FSAR

(b) IP3 SER