

ATTACHMENT II
SAFETY EVALUATION
RELATED TO
CONTROL ROD POSITION INDICATION MISALIGNMENT

TRSR

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286
DECEMBER 12 , 1979

7912270 460

Section I - Description of Modification

The Rod Misalignment Limitation is being changed to require action if the control rods (indicated position) are misaligned from their respective bank demand position by more than 12 steps. Presently action is required when misalignment exceeds 13 steps.

Section II - Purpose of Modification

The purpose of this modification is to ensure that the actual control rod misalignment does not exceed 24 steps for which Westinghouse has performed safety analyses. By restricting indicated deviations to no more than 12 steps, the actual misalignment will not exceed 24 steps since the position indication system has an uncertainty of 12 steps.

Section III - Impact of the Change

The reduction of allowable control rod misalignment from its indicated position will not alter the conclusion reached in the FSAR and SER accident analysis.

Section IV - Implementation of the Modification

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

Section V - Conclusion

The incorporation of this modification: 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.

Section VI - References

- (a) IP3 FSAR
- (b) IP3 SER