

ATTACHMENT II  
SAFETY EVALUATION  
RELATED TO  
SPIRAL LOADING/UNLOADING OF  
THE REACTOR CORE

POWER AUTHORITY OF THE STATE OF NEW YORK  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
DOCKET NO. 50-333  
December 6, 1979

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## I. Description of the Modification

The Technical Specification changes will provide for spiral loading/unloading of the core, permit reloading without the requirement that all control rods be inserted in the core, and redefine SRM operability during spiral reload/offload operations.

## II. Impact of Change

The proposed changes will not reduce the shutdown margin below that provided for the complete core. The redefinition of SRM operability will not reduce the adequacy of the SRM's for reactivity monitoring.

## III. 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

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