

Docket No. 50-346  
License No. NPF-3  
Serial No. 798  
March 23, 1982

Attachment

I. Changes to Davis-Besse Nuclear Power Station Unit 1, Appendix A  
Technical Specifications

Figures 3.1-2a and 3.1-3a of Cycle 3 Reload Report BAW-1707 (Figures 8-5 and 8-10 of the report).

A. Time required to Implement.

This change is to be effective upon NRC approval.

B. Reason for Change (Facility Change Request 80-268 Supplement 2).

The final burnup of Cycle 2 at Davis-Besse lies within the  $306 \pm 10$  EFPD window. This results in the relaxation of the regulating rod insertion limits for the first 60 EFPD of Cycle 3.

C. Safety Evaluation  
(See attached)

## SAFETY EVALUATION

This request provides the revised regulating rod insertion limits for four and three pump operation during the first 60 effective full power days of Cycle 3 operation. The safety function of these limits is to ensure maintenance of acceptable power distribution limits and shutdown margin. These limits also control the potential effects of a rod ejection accident.

The relaxation in the attached curves (limits) is brought about by the final burnup of Cycle 3 (296 EFPD) which lies in the  $306 \pm 10$  window of the revised Cycle 2 (complete withdrawal of axial power shaping rods and coasting down of power level towards the end of cycle) design.

Per the analysis provided in the reload report and the safety evaluation in Toledo Edison submittal of March 5, 1982 (Serial No. 787), it is concluded that the inferences of the reload analysis and the previous safety evaluation are not violated. Hence, it is concluded that the changes proposed herewith do not involve an unreviewed safety question.

Figure 8-5. Regulating Group Position Limits, 0 to 60 EFPD,  
 Four RC Pumps — Davis Besse 1, Cycle 3  
 (Tech Spec Figure 3.1-2a)

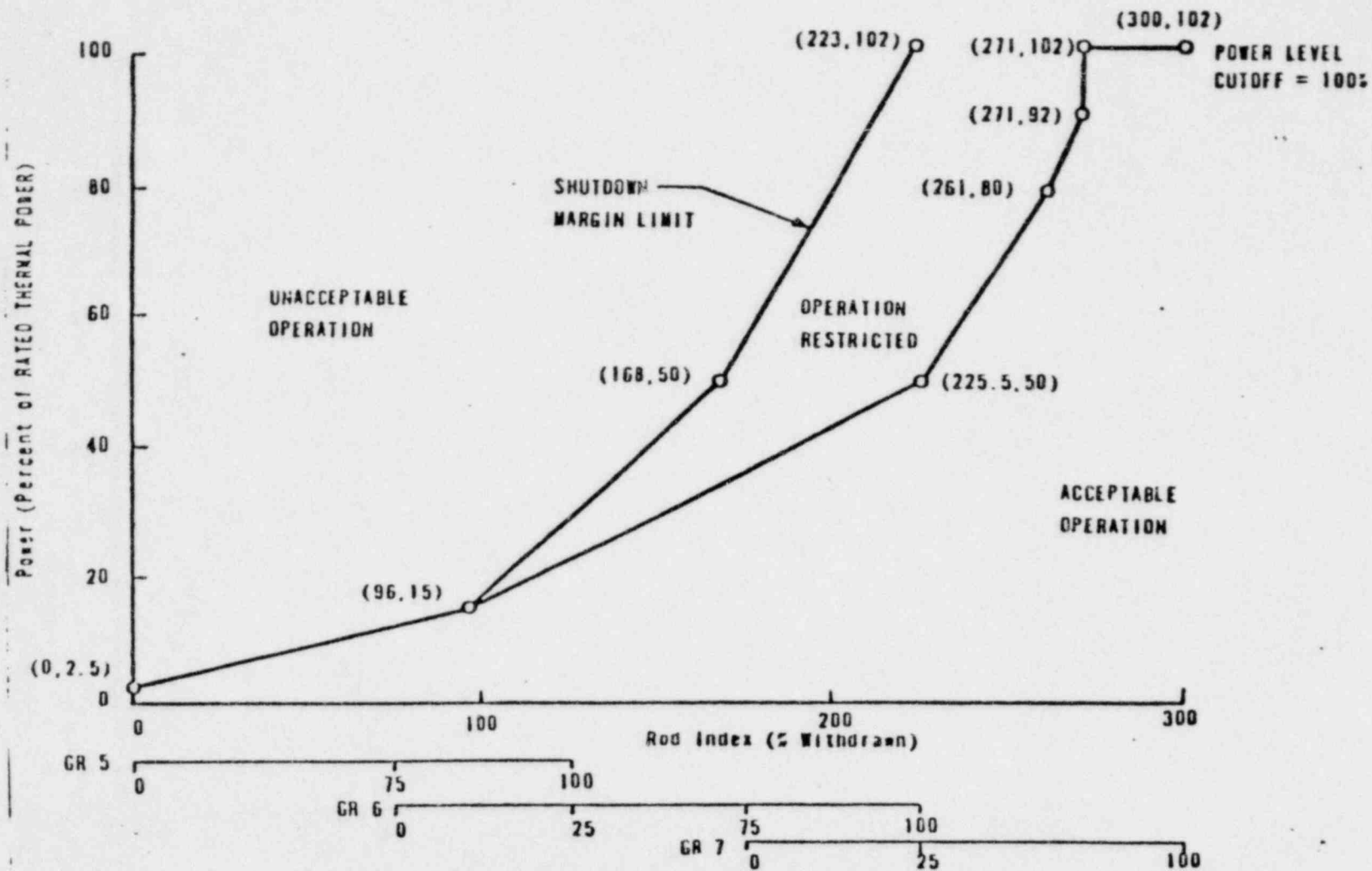
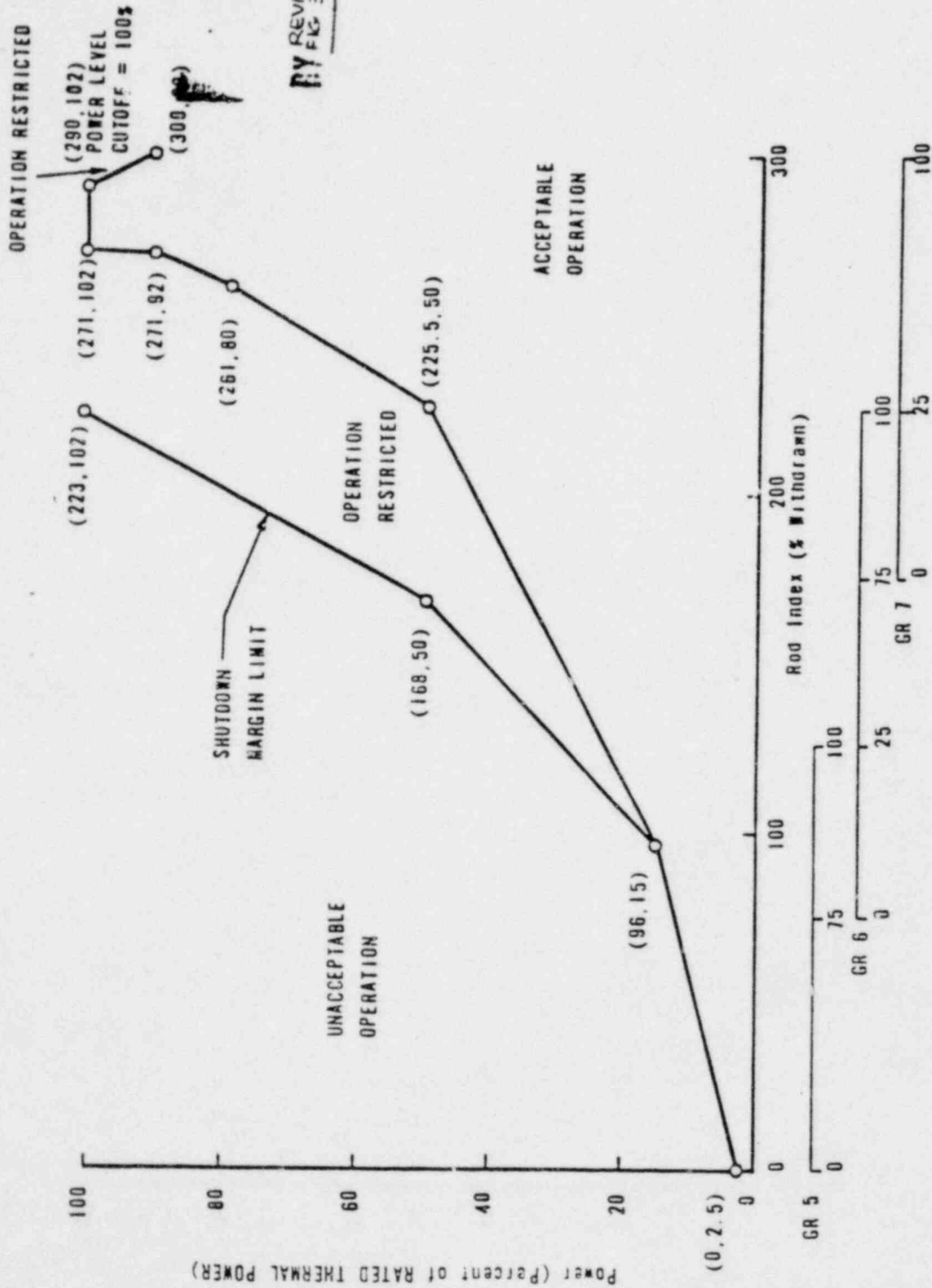


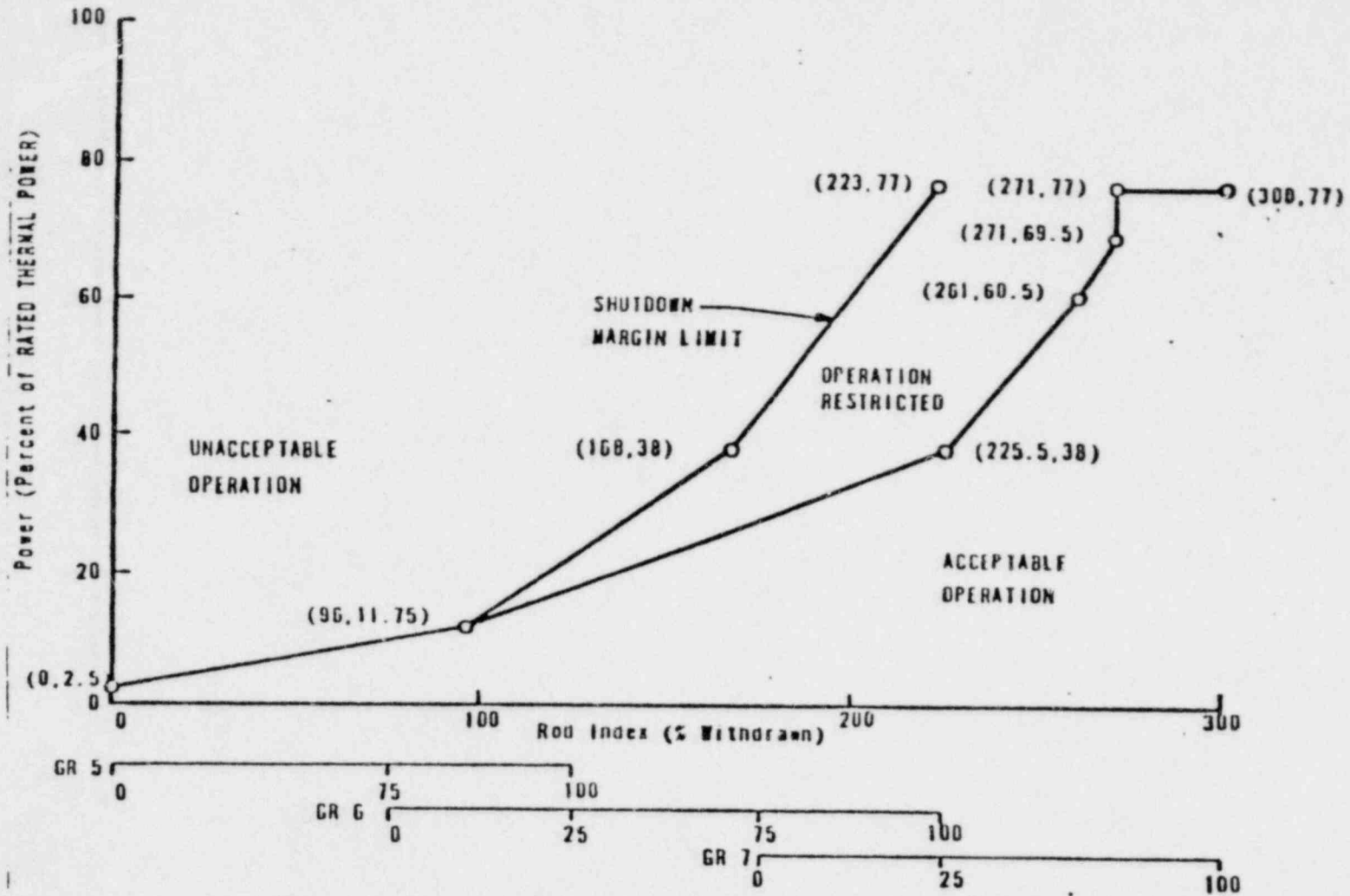
Figure 3-5. Regulating Group Position Limits 0 to 60 EFPD,  
 Four RC Pumps - Davis. see 1, Cycle 3  
 (Tech Spec Figure 3.1-2a)



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 BY REVISED  
 FIG 3-12a DATE 3/16/82

Figure 8-10. Regulating Group Position Limits, 0 to 60 EFPD,  
 Three RC Pumps - Davis Besse 1, Cycle 3

(Tech Spec Figure 3.1-3a)



UNACCEPTABLE OPERATION

Figure 8-10. Regulating Group Position Limits, 0 to 60 EFPD,  
Three RC Pumps - Davis Besse 1, Cycle 3

(Tech Spec Figure 3.1-3a)

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