

ATTACHMENT 5

TURKEY POINT UNIT 4 CYCLE 14
CORE OPERATING LIMITS REPORT

9407210326 940719
PDR ADCK 05000250
P PDR

L-94-128
Attachment 5

CORE OPERATING LIMITS REPORT

The Core Operating Limits Report (COLR) for Turkey Point Unit 4 Cycle 14 has been prepared in accordance with the requirements of Technical Specifications 6.9.1.7.

The Technical Specification affected by this report is:

- 3.2.1 Axial Flux Difference (AFD)
- 3.1.3.6 Control Rod Insertion Limits
- 3/4.2.2 Heat Flux Hot Channel Factor - $F_Q(Z)$

The AFD, $K(Z)$ and Rod Bank Insertion Limits have been developed using the NRC approved methodology specified in Technical Specification 6.9.1.7. These Limits are provided in the attached figures.

2000

1
2

92

1. 1/2

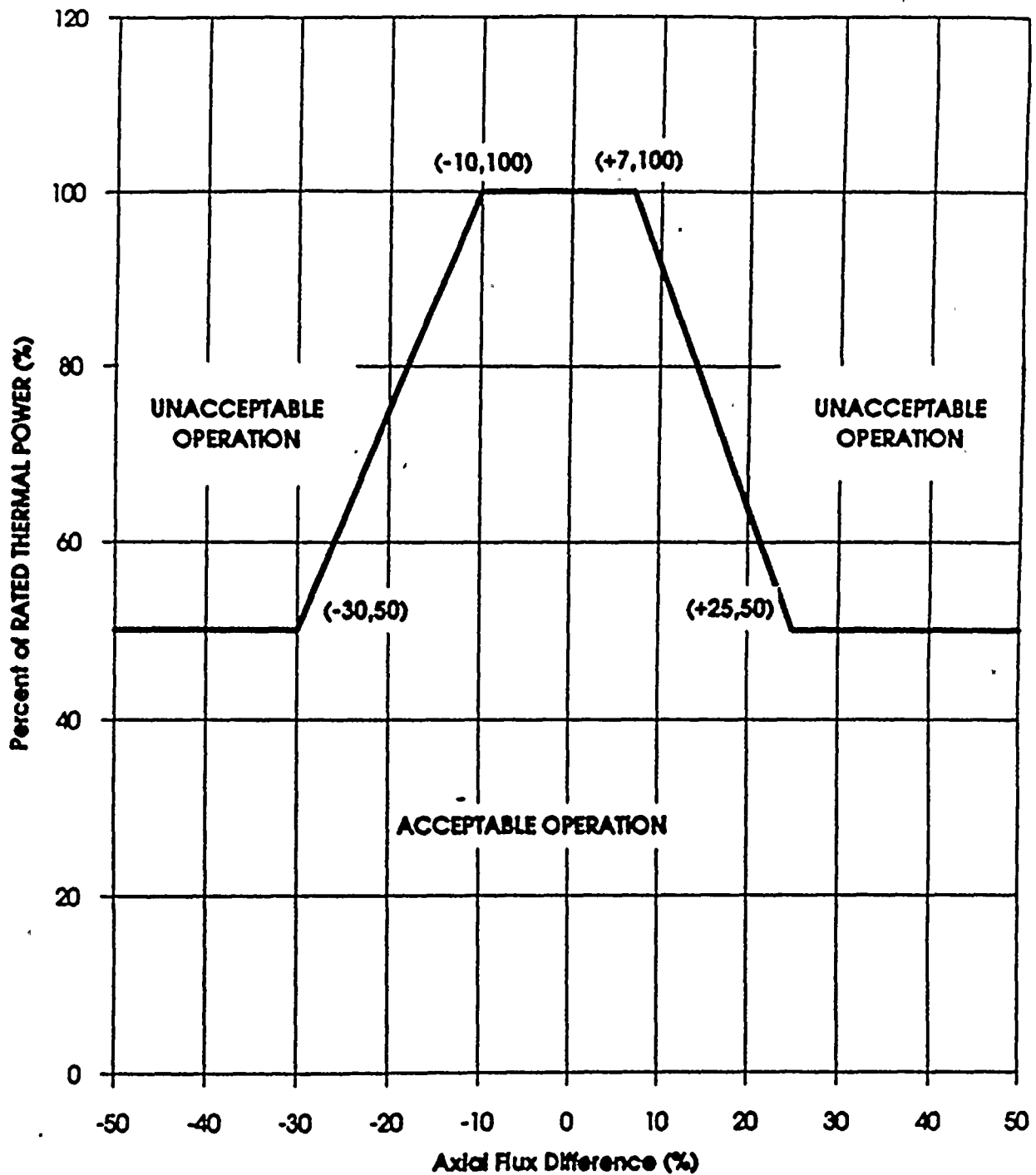
1
2

1 2

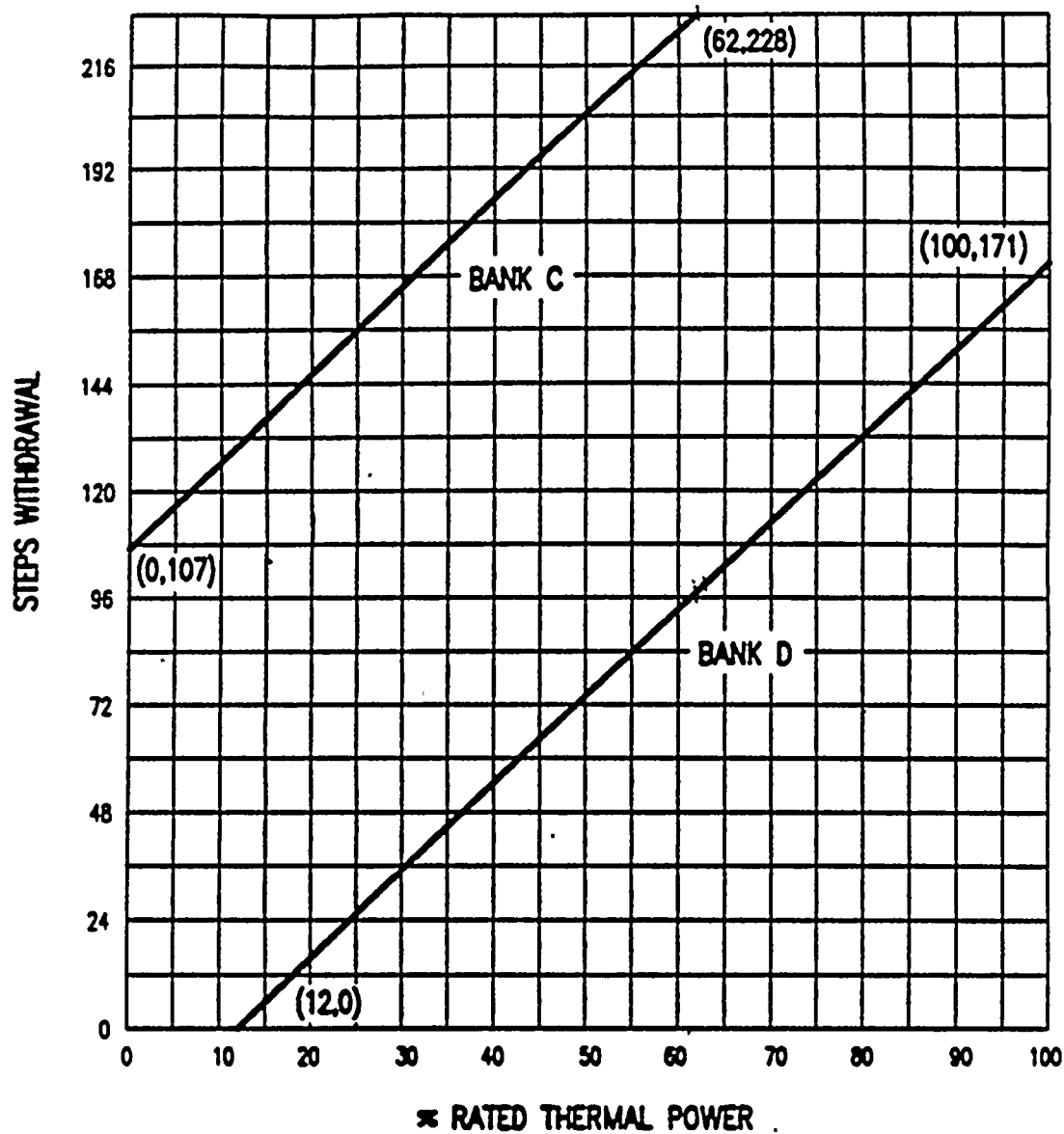
1

1/2

AXIAL FLUX DIFFERENCE AS A FUNCTION OF RATED THERMAL POWER
(TURKEY POINT UNIT 4 CYCLE 14)



ROD BANK INSERTION LIMITS VS. THERMAL POWER
(TURKEY POINT UNIT 4 CYCLE 14)





408

•

2

•

b.

✻

2

2

40

4

•

254

4

4

K(Z) NORMALIZED $F_Q(Z)$ AS A FUNCTION OF CORE HEIGHT
(TURKEY POINT UNIT 4 CYCLE 14)

