

# CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9704040143      DOC. DATE: 97/03/31      NOTARIZED: NO      DOCKET #  
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C      05000250  
 AUTH. NAME      AUTHOR AFFILIATION  
 HOVEY, R.J.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
                          Document Control Branch (Document Control Desk)

SUBJECT: Submits COLR for Turkey Point Unit 3 IAW TS 6.9.1.7. Curves applicable for Unit 3 Cycle 16.

DISTRIBUTION CODE: A001D      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5  
 TITLE: OR Submittal: General Distribution

NOTES:

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD2-3 LA	1 1	PD2-3 PD	1 1
CROTEAU, R	1 1		
INTERNAL: <u>FILE CENTER</u> 01	1 1	NRR/DE/ECGB/A	1 1
NRR/DE/EMCB	1 1	NRR/DRCH/HICB	1 1
NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
NUDOCS-ABSTRACT	1 1	OGC/HDS3	1 0
EXTERNAL: NOAC	1 1	NRC PDR	1 1

C  
A  
T  
E  
G  
O  
R  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 13 ENCL 12





MAR 31 1997

L-97-060  
10 CFR 50.36

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Re: Turkey Point Unit 3  
Docket No. 50-250  
Core Operating Limits Report

By letter dated October 12, 1994, the NRC issued Amendment 167 to Facility Operating License No. DPR-31 for Turkey Point Unit 3. The amendment consisted of changes to the Technical Specifications to relocate certain cycle-specific parameter limits from the Technical Specifications to a Core Operating Limits Report (COLR). In accordance with Technical Specification 6.9.1.7, the attached COLR is provided for Turkey Point Unit 3. These curves are applicable for Unit 3 Cycle 16.

Should there be any questions, please contact us.

Very truly yours,

R. J. Hovey  
Vice President  
Turkey Point Plant

JAH

Attachment

cc: L. A. Reyes, Regional Administrator, Region II, USNRC  
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant

040015

9704040143 970331  
PDR ADOCK 05000250  
P PDR

ADD 11/

115

**CORE OPERATING LIMITS REPORT UNIT 3 CYCLE 16**

The Technical Specifications (TS) affected by this report are:

- 3.1.3.2      Analog Rod Position Indication System
- 3.1.3.6      Control Rod Insertion Limits
- 3.2.1        Axial Flux Difference (AFD)
- 3.2.2        Heat Flux Hot Channel Factor -  $F_Q(Z)$
- 3.2.3        Nuclear Enthalpy Rise Hot Channel Factor -  $F_{\Delta H}$

The Control Rod Insertion Limits, AFD,  $F_Q(Z)$ ,  $K(Z)$ , and  $F_{\Delta H}$  have been developed using the NRC approved methodology specified in Technical Specification 6.9.1.7.

**TS 3.1.3.2      Analog Rod Position Indication System**

The All Rods Out position for all Shutdown Banks and Control Banks is defined to be 230 steps withdrawn.

**TS 3.1.3.6      Control Rod Insertion Limits**

The control rod banks shall be limited in physical insertion as shown on page 2 for All Rods Out = 230 steps withdrawn.

**TS 3.2.1        Axial Flux Difference**

The AFD limits are provided on page 3.

**TS 3.2.2        Heat Flux Hot Channel Factor -  $F_Q(Z)$**

$$[F_Q]^L = 2.35$$

$K(Z)$  is provided on page 4.

**TS 3.2.3        Nuclear Enthalpy Rise Hot Channel Factor**

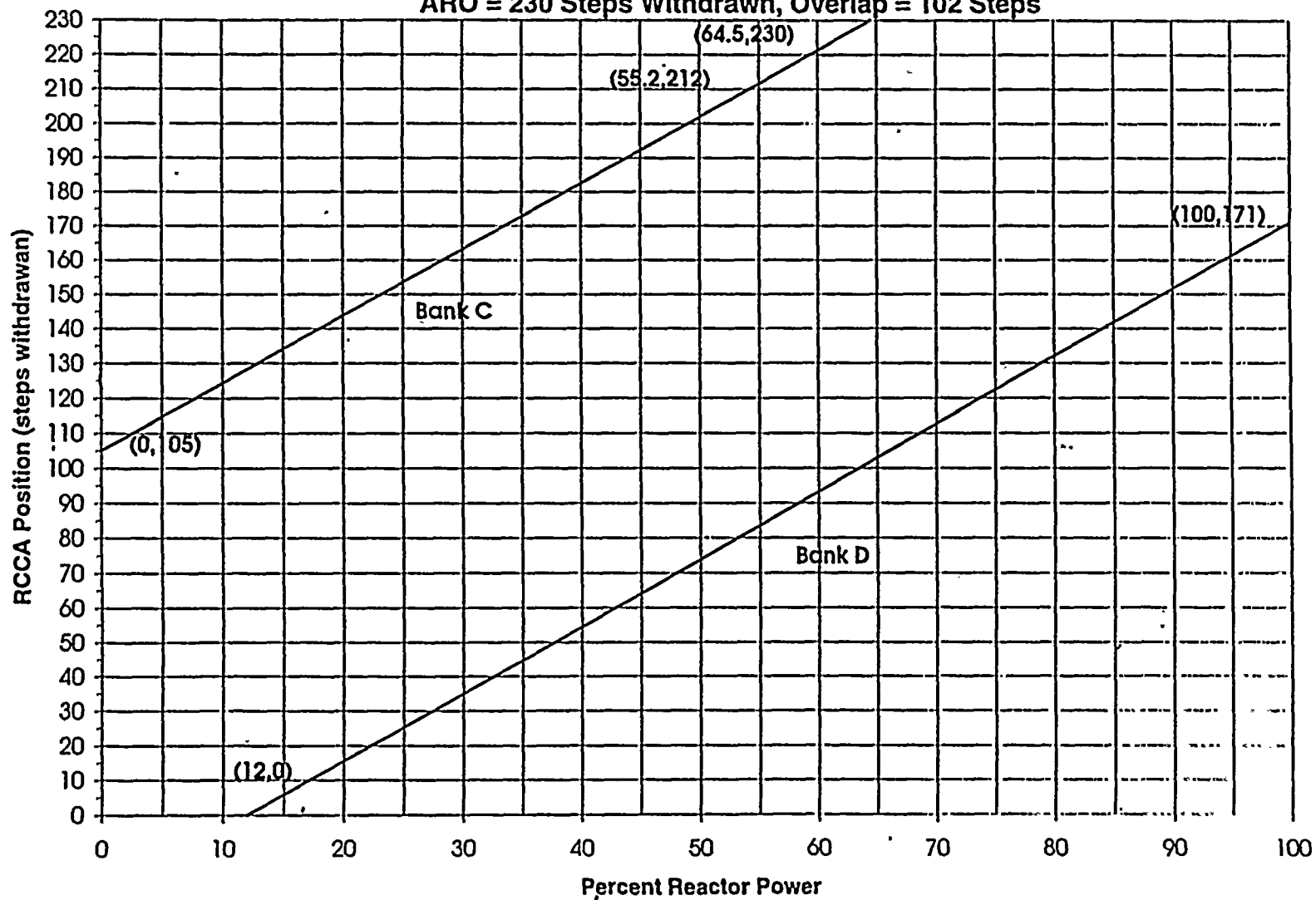
$$F_{\Delta H}^{RTP} = 1.64$$

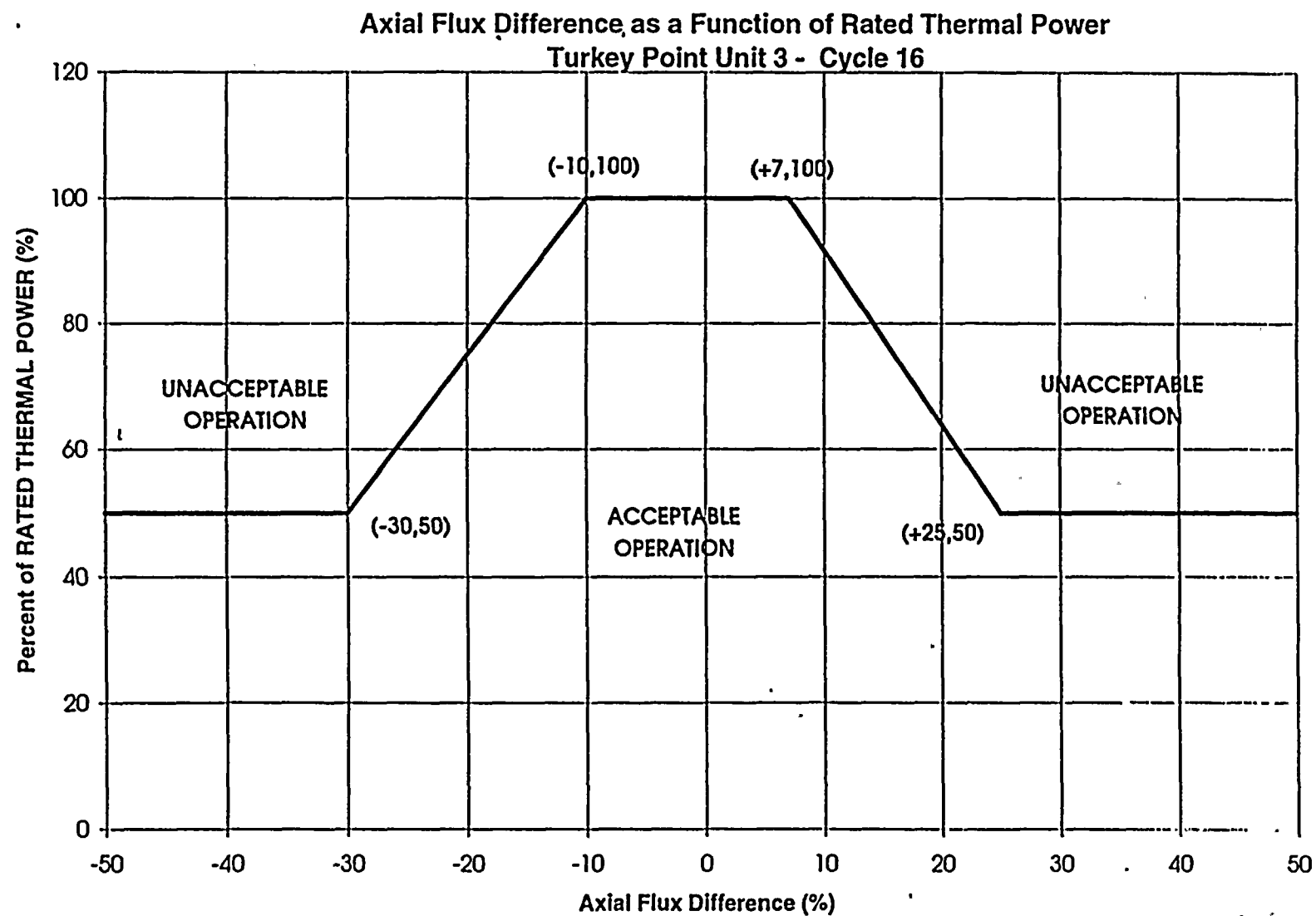
$$PF_{\Delta H} = 0.3$$



### Turkey Point Unit 3 - Cycle 16 Rod Insertion Limit vs Thermal Power

ARO = 230 Steps Withdrawn, Overlap = 102 Steps







1

مستند

