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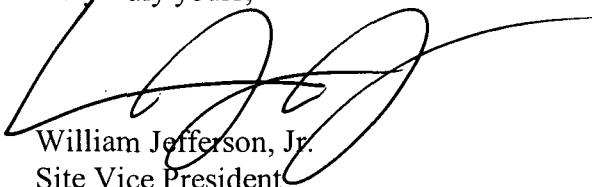
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555-00001

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

In accordance with Technical Specification 6.9.1.7, the attached Core Operating Limits Report is provided for Turkey Point Unit 3. These curves are applicable for Unit 3 Cycle 24.

Should there be any questions, please contact Robert J. Tomonto, Licensing Manager, at 305-246-7327.

Very truly yours,



William Jefferson, Jr.
Site Vice President
Turkey Point Nuclear Plant

Attachment

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

A001
NRR

CORE OPERATING LIMITS REPORT - UNIT 3 CYCLE 24

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 TS 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The All Rods Out position for all Shutdown Banks and Control Banks is defined to be 229 steps withdrawn.

TS 3.1.3.6 Control Rod Insertion Limits

The control rod banks shall be limited in physical insertion as shown on Figure 1 for All Rods Out = 229 steps withdrawn.

TS 3.2.1 Axial Flux Difference

The AFD limits are provided on Figure 2.

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

$$[F_Q]^L = 2.50$$

$K(Z) = 1.0$ for $0 \text{ ft.} \leq Z \leq 12 \text{ ft.}$ where Z = core height.

TS 3.2.3 Nuclear Enthalpy Rise Hot Channel Factor

$$F_{\Delta H}^{RTP} = 1.70$$

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

Figure 1
Turkey Point Unit 3 - Cycle 24 Rod Insertion Limits vs Thermal Power
ARO = 229 Steps Withdrawn, Overlap = 101 Steps

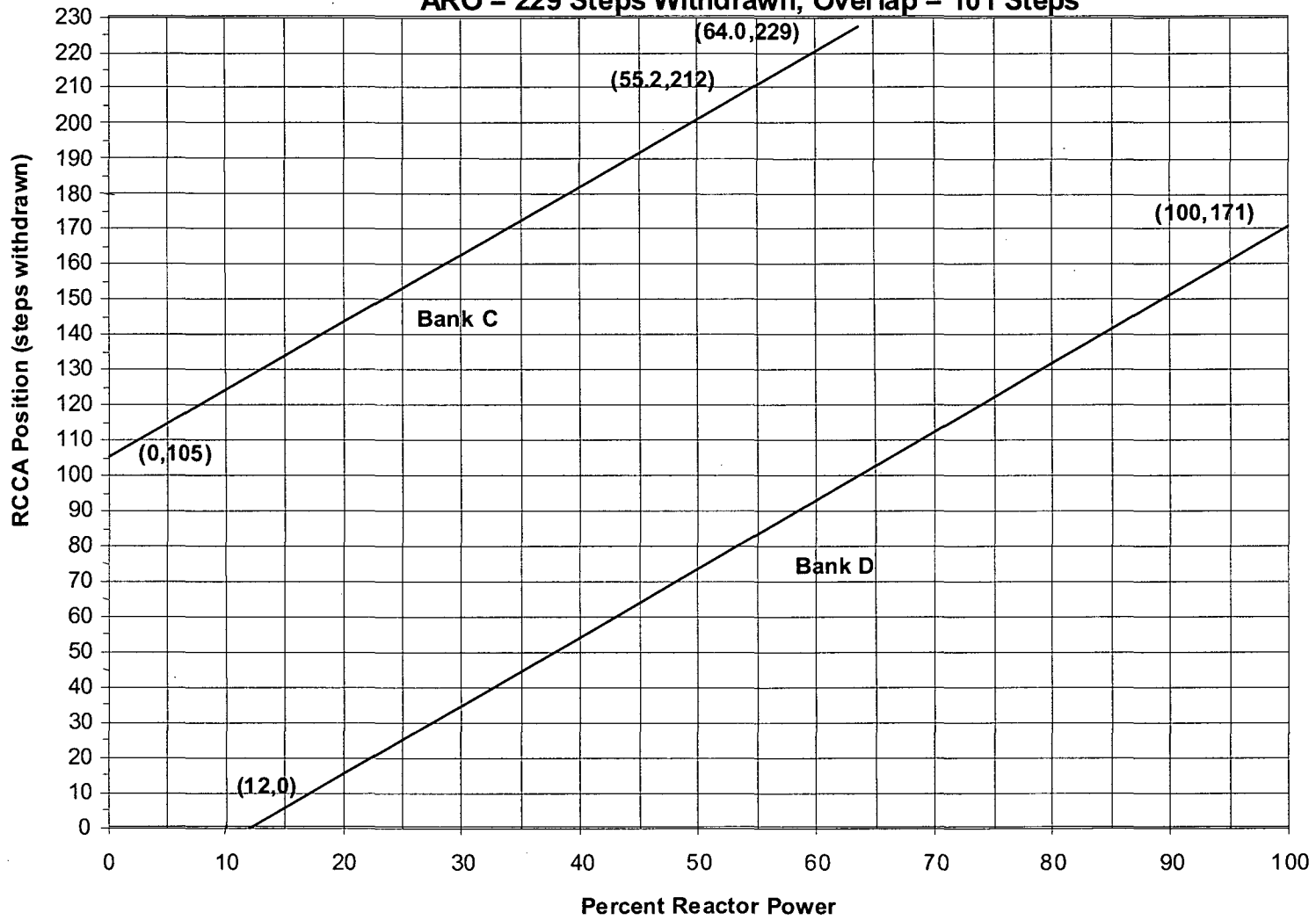


Figure 2
Axial Flux Difference as a Function of Rated Thermal Power
Turkey Point Unit 3 - Cycle 24

