

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:  
  
N. R. C.

FROM:  
Duke Power Company  
Charlotte, North Carolina  
William O. Parker, Jr.

DATE OF DOCUMENT  
7/5/77  
DATE RECEIVED  
7/11/77

LETTER  
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 UNCLASSIFIED

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INPUT FORM

NUMBER OF COPIES RECEIVED  
**1 SIGNED**

DESCRIPTION  
  
**DO NOT REMOVE**  
  
**ACKNOWLEDGED**  
  
PLANT NAME: (1-P)  
Oconee Unit No. 3  
RJL 7/12/77

ENCLOSURE  
  
Amdt. to OL/change to tech specs...notorized 7/5/77...concerning the operation of Oconee Unit No. 3 Cycle 2 with the cycle length extended to 282 EFPD's.....  
  
(4-P)

SAFETY	FOR ACTION/INFORMATION	ENVIRONMENTAL
ASSIGNED AD:		ASSIGNED AD: V. MOORE (LTR)
BRANCH CHIEF:	<i>Schwencer (S)</i>	BRANCH CHIEF:
PROJECT MANAGER:	<i>Neighbors</i>	PROJECT MANAGER:
LICENSING ASSESTANT:	<i>Sheppard</i>	LICENSING ASSISTANT:
		B. HARLESS

INTERNAL DISTRIBUTION			
REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY & ENVIRON ANALYSIS
<i>NRC PDR</i>	HEINEMAN	TEDESCO	DENTON & MULLER
<i>T &amp; E (2)</i>	SCHROEDER	BENAROYA	CRUTCHFIELD
<i>OELD</i>		LAINAS	
<i>GOSSICK &amp; STAFF</i>	ENGINEERING	IPPOLITO	
<i>HANAUER</i>	KNIGHT	F. ROSA	ENVIRO TECH.
<i>MIPC</i>	BOSNAK		ERNST
<i>CASE</i>	SIHWELL	OPERATING REACTORS	BALLARD
<i>BOYD</i>	PAWLICKI	STELLO	YOUNGBLOOD
		EISENHUT	
<i>PROJECT MANAGEMENT</i>	REACTOR SAFETY	SHAO	SITE TECH.
<i>SKOVHOLT</i>	ROSS	BAER	
<i>P. COLLINS</i>	NOVAK	BUTLER	GAMMILL (2)
<i>HOUSTON</i>	ROSZTGCZY	GRIMES	
<i>MELTZ</i>	CHECK		SITE ANALYSIS
<i>HELTEMES</i>			VOLLMER
<i>SK</i>	AT&I		BUNCH
	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION	
<i>LPDR: Walhalla, SC</i>	
TIC	NSIC
NAT LAB	
REG IV (J. HANCHETT)	
16 CYS ACRS SENT CATEGORY	<i>B</i>

CONTROL NUMBER  
*Apple*  
**2771930266**

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

July 5, 1977

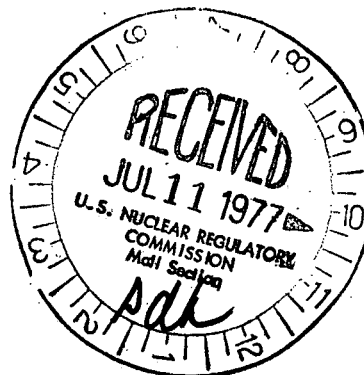
TELEPHONE: AREA 704  
373-4083

**Regulatory**

**File CY**

Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Oconee Unit 3  
Docket No. 50-287

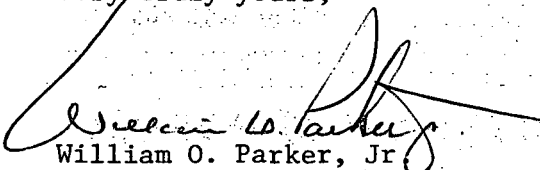


Dear Sir:

Our letter of July 21, 1976 proposed revisions to the Oconee Nuclear Station Technical Specifications to assure the operation of the Oconee Unit 3 Cycle 2 core within acceptable fuel design and performance criteria for a design cycle length of 265 EFPD's. To provide flexibility in the scheduling of refueling operations at Oconee Nuclear Station, it has become desirable to extend the cycle length of Oconee Unit 3 Cycle 2 from 265 EFPD's to 282 EFPD's. The existing technical specification limits have been reviewed to confirm that they will be valid when the cycle length is extended to 282 EFPD. As a result of this review, it has been determined that the operational control rod position limits (Figures 3.5.2-1C3 and 3.5.2-2C3) power imbalance limits (Figure 3.5.2-3C3) are to be revised as shown in the attachment.

Therefore, to assure that the operation of the Oconee Unit 3 Cycle 2 core will be within acceptable criteria, and pursuant to 10CFR50 §50.90 proposed changes to the Oconee Nuclear Station Technical Specifications are requested which will provide for the operation of Oconee Unit 3 Cycle 2 with the cycle length extended to 282 EFPD's. These revisions are incorporated in the revised figures shown in the attachment.

Very truly yours,

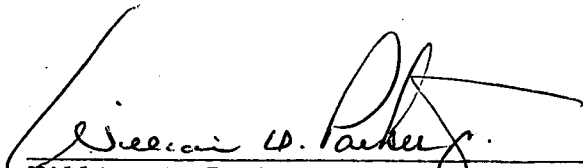
  
William O. Parker, Jr

LJB:ge

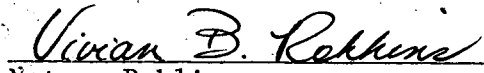
Attachment

771930266

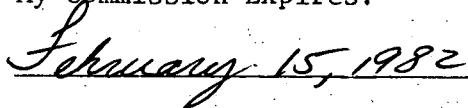
WILLIAM O. PARKER, JR., being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this request for amendment of the Oconee Nuclear Station Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

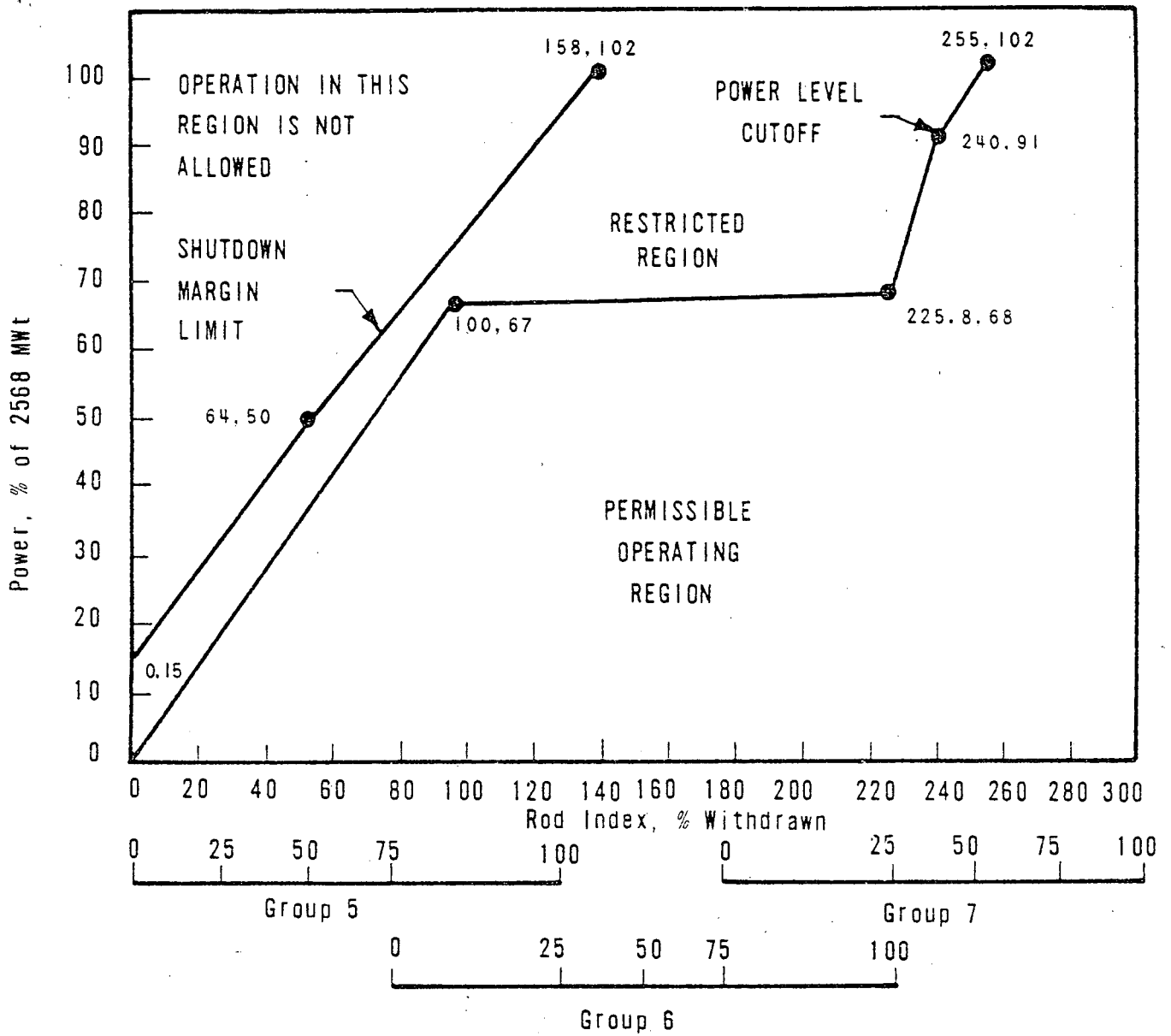
  
\_\_\_\_\_  
William O. Parker, Jr., Vice President

Subscribed and sworn to before me this 5th day of July, 1977.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

  
\_\_\_\_\_  
February 15, 1982

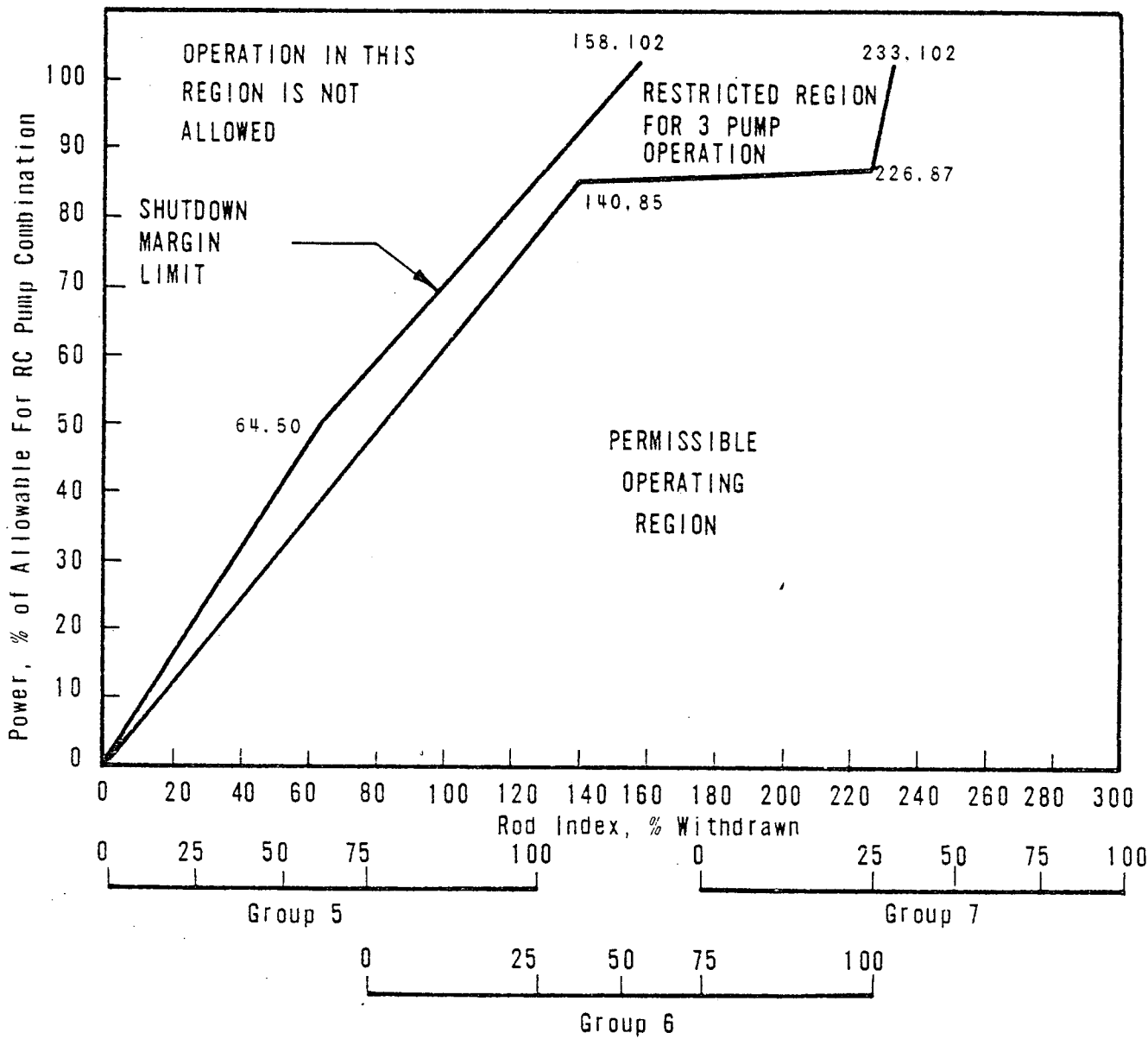


ROD POSITION LIMITS FOR FOUR-PUMP OPERATION AFTER 226(+10) EFPD Unit 3



OCONEE NUCLEAR STATION

Figure 3.5.2-1C3



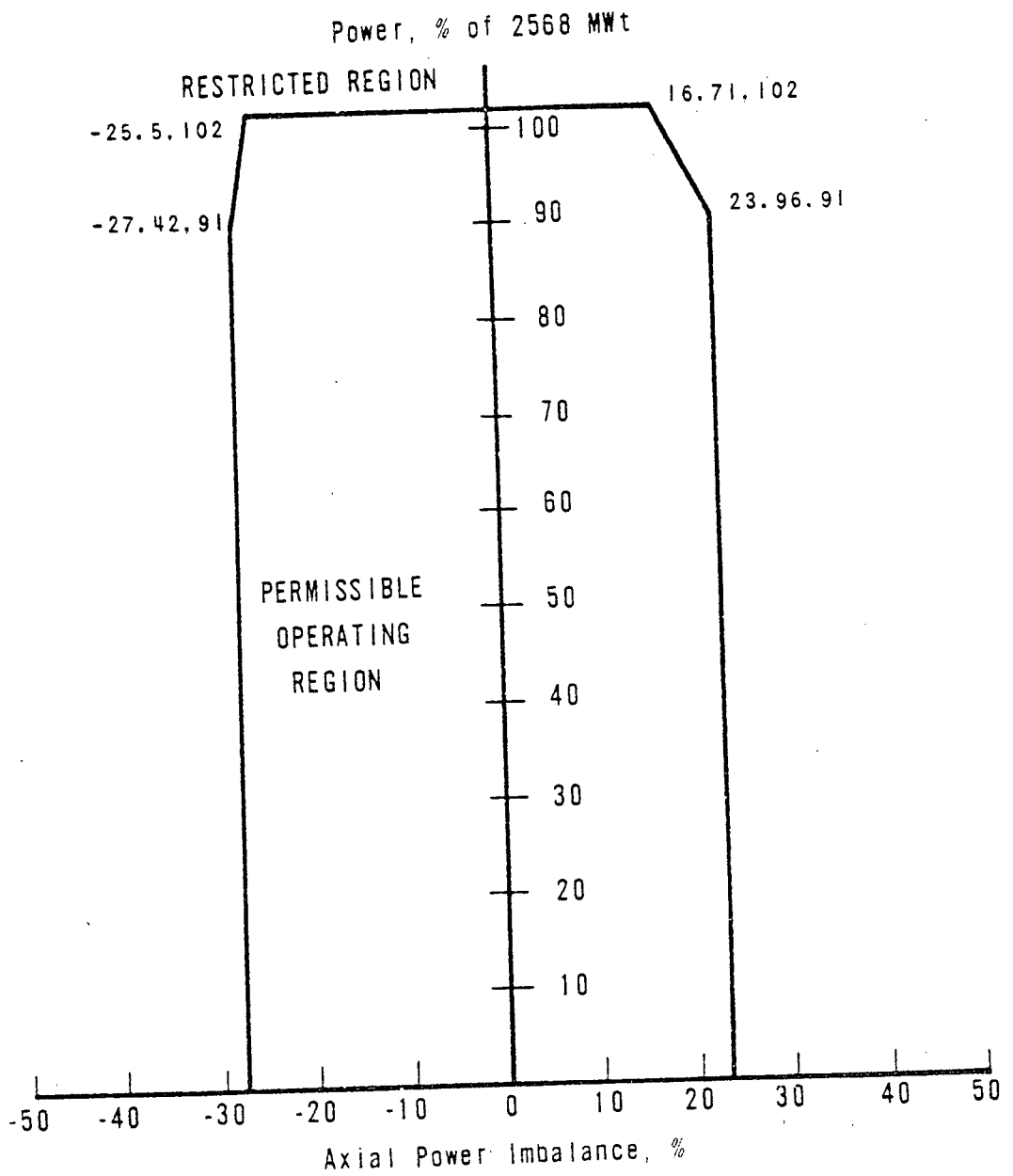
ROD POSITION LIMITS FOR TWO- AND THREE-PUMP OPERATION AFTER 226(+10) EFPD Unit 3



OONEE NUCLEAR STATION

Figure 3.5.2-2C3

3.5-20b



OPERATIONAL POWER IMBALANCE  
 ENVELOPE FOR OPERATION AFTER  
 226(+10) EFPD Unit 3



OCONEE NUCLEAR STATION  
 Figure 3.5.2-3C3