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Vice President
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December 28, 2004

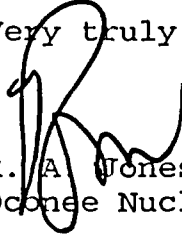
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Oconee Nuclear Site Docket No. 50-287
Core Operating Limits Report (COLR)

Gentlemen:

Attached, pursuant to Oconee Technical Specifications 5.6.5, is an information copy of a revision to the Core Operating Limits Report for Oconee Unit 1, Cycle 22, Rev. 22 and Oconee Unit 2, Cycle 21, Rev. 22.

Very truly yours,



R. A. Jones Site, Vice President
Oconee Nuclear Site

Attachment

A001

NRC Document Control Desk

December 28, 2004

Page 2

xc w/att: Mr. W. D. Travers, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II

Mr. L. N. Olshan, Project Manager
Office of Nuclear Reactor Regulation

Mr. Mel Shannon
Senior Resident Inspector
Ocone Nuclear Site

PRIORITY SuperRush

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- 3) 06358 ONS REGUL COMPLIANCE ON03RC
- 4) 06700 ONS MANUAL MASTER FILE ON03DM
- 5) 06937 R R ST CLAIR EC08G

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 OCONEE 1 CYCLE 22
 OCONEE 1 CYCLE 21
 CORE OPERATING LIMITS REPORTS
 Page 1 of 1

Date: 12/21/04

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SEE REMARKS		// // //																	

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REMARKS: DUKE
 DOCUMENTS RELEASE EXEMPT FROM NUCLEAR MODIFICATION PROGRAM.
 REFERENCE PAGE 3 OF EACH DOCUMENT FOR FILING INSTRUCTIONS.

THOMAS C GEER
 NUCLEAR STATION ENGR MANAGER
 GS-SVP NUCLEAR SUPPORT

BY:
 J W SIMMONS JWS/TER EC08H

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Oconee 1 Cycle 22

Core Operating Limits Report

QA Condition 1

FOR INFORMATION ONLY

Prepared By : J. D. Forster Joy D. Forster

Date : 20 Dec 2004

Checked By : L. D. Mc Clain L. D. Mc Clain

Date : 20 Dec 2004

CDR By : J. L. Abbott J. L. Abbott

Date : 20 DEC 04

Approved By : R. R. St. Clair R. R. St. Clair

Date : 21 DEC 04

Document No./ Rev. ONEI-0400-50 Rev. 22
Date December 20, 2004
Page No. page 2 of 33

INSPECTION OF ENGINEERING INSTRUCTIONS

Inspection Waived By: R.R. St. Clair
(Sponsor)

Date: 12/21/04

<u>CATAWBA</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: _____
MOD	<input type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

<u>OCONEE</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input checked="" type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input checked="" type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: <u>Steve Pecunas 12/21/04</u>
MOD	<input checked="" type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

<u>MCGUIRE</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: _____
MOD	<input type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

Oconee 1 Cycle 22
Core Operating Limits Report

Insertion Sheet for Revision 22

This revision is not valid until the end of operation for Oconee 1 Cycle 21.

Remove these revision 21 pages

1 - 3, 30

Insert these revision 22 pages

1 - 3, 30

Revision Log

Revision	Effective Date	Pages Revised	Pages Added	Pages Deleted	Total Effective Pages
Oconee 1 Cycle 22 revisions below					
22	Dec 2004	1 - 3, 30	-	-	33
21	Feb 2004	1 - 4, 6	-	-	33
20	Nov 2003	1 - 32	33	-	33
Oconee 1 Cycle 21 revisions below					
19	Aug 2003	1, 2, 3	1a	-	32
18	Apr 2002	1, 2, 4	-	-	32
17	Mar 2002	1-31	32	-	32
Oconee 1 Cycle 20 revisions below					
16	May 2001	1-4	-	-	31
15	Nov 2000	1-31	-	-	31

Oconee 1 Cycle 22

Axial Power Imbalance Protective Limits

Referred to by ITS 2.1.1

Not for Plant Use

	%FP	RPS	Operational
4 Pumps	0	-35.0	-42.4
	80	-	-42.4
	85.3	-35.0	-
	90	-	-36.2
	100	-	-23.9
	109.4	-9.4	-
	109.4	14.4	-
	100	-	30.0
	90	35.0	41.2
	80	-	40.5
0	35.0	40.5	
3 Pumps	0	-35.0	-42.4
	57.6	-35.0	-
	77.0	-	-42.4
	81.7	-9.4	-
	81.7	14.4	-
	77.0	-	40.5
	62.3	35.0	-
	0	35.0	40.5

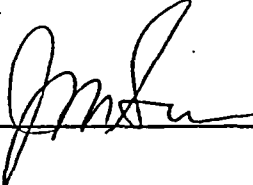
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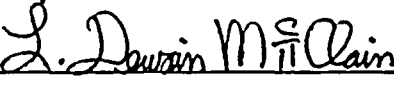
Oconee 2 Cycle 21

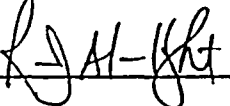
Core Operating Limits Report


QA Condition 1

FOR INFORMATION ONLY

Prepared By: J. M. Sanders  Date: 20 Dec 2004

Checked By: L. D. McClain  Date: 20 Dec 2004

CDR By: R. A. HIGHT  J. L. Abbott Date: 12/20/04

Approved By: R. R. St.Clair  Date: 12/21/04

Document No. / Rev. ONEI-0400-51 Rev. 22
Date December 20, 2004
Page No. Page 2 of 33

INSPECTION OF ENGINEERING INSTRUCTIONS

Inspection Waived By: R. R. Olin
(Sponsor)

Date: 12/21/04

<u>CATAWBA</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: _____
MOD	<input type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

<u>OCONEE</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input checked="" type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input checked="" type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: <u>Steve Peluso 12/21/04</u>
MOD	<input checked="" type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

<u>MCGUIRE</u>		
	Inspection Waived	
MCE (Mechanical & Civil)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Electrical Only)	<input type="checkbox"/>	Inspected By/Date: _____
RES (Reactor)	<input type="checkbox"/>	Inspected By/Date: _____
MOD	<input type="checkbox"/>	Inspected By/Date: _____
Other (_____)	<input type="checkbox"/>	Inspected By/Date: _____

Oconee 2 Cycle 21
Core Operating Limits Report

Insertion Sheet for Revision 22

This revision is not valid until the end of operation for Oconee 2 Cycle 20.

Remove these Revision 21 pages

1 - 3, 30

Insert these Revision 22 pages

1 - 3, 30

Revision Log

Revision	Effective Date	Pages Revised	Pages Added	Pages Deleted	Total Effective Pages
Oconee 2 Cycle 21 revisions below					
22	Dec 2004	1 - 3, 30	-	-	33
21	Apr 2004	1 - 33	-	-	33
Oconee 2 Cycle 20 revisions below					
20	Feb 2004	1 - 3, 5	-	-	33
19	Nov 2003	1-4,8-10,12-13,29	1a	-	33
18	Oct 2002	1-3,14,16,24,30	-	-	32
17	Oct 2002	1 - 31	32	-	32
Oconee 2 Cycle 19 revisions below					
16	May 2001	1 - 31	-	-	31
Oconee 2 Cycle 18 revisions below					
15	Apr 2001	1 - 4	-	-	31
14	Feb 2000	1 - 4	-	-	31
13	Nov 1999	1 - 31	-	-	31
12	Sep 1999	1 - 31	-	-	31
11	Apr 1999	1 - 4, 6	-	-	31
10	Mar 1999	1 - 31	-	-	31

Oconee 2 Cycle 21
Axial Power Imbalance Protective Limits
Referred to by TS 2.1.1



	%FP	RPS	Operational
4 Pumps	0	-35.0	-42.1
	80	-	-42.1
	85.4	-35.0	-
	90	-	-36.4
	100	-	-24.1
	109.4	-9.6	-
	109.4	14.4	-
	100	-	30.0
	90	35.0	42.2
	80	-	41.5
0	35.0	41.5	
3 Pumps	0	-35.0	-42.1
	57.7	-35.0	-
	77.0	-	-42.1
	81.7	-9.6	-
	81.7	14.4	-
	77.0	-	41.5
	62.3	35.0	-
	0	35.0	41.5