

DUKE POWER COMPANY
OCONEE 2 CYCLE 15
CORE OPERATING LIMITS REPORT
REVISION 2
QA CONDITION 1

REFERENCE OSC-5785

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Date: 3-8-95

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Date: 3-8-95

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Date: 3-9-95

Oconee Nuclear Station

Unit 2 Cycle 15

Core Operating Limits Report

Insertion Sheet for Revision 2

Remove these Revision 1 pages

1-3, 13, 20, 23-26

Insert these Revision 2 pages

1-3, 13, 20, 23-26

Oconee Nuclear Station

Unit 2 Cycle 15

Core Operating Limits Report

Revision Log

Revision	Effective Date	Pages Revised	Pages Added	Pages Deleted	Total Effective Pages
0	September 30, 1994	-	1-34	-	34
1	January 30, 1995	1-3, 13, 20, 23-26	-	-	34
2	March 9, 1995	1-3, 13, 20, 23-26	-	-	34

Oconee 2 Cycle 15

**POWER-IMBALANCE OPERATIONAL
LIMITS***

	POWER % OF 2568 MW	IMBALANCE LIMITS
4 PUMP	0.0	-43.4
	80.0	-43.4
	90.0	-36.3
	102.0	-27.5
	102.0	+22.8
	90.0	+27.1
	80.0	+33.8
	0.0	+33.8
3 PUMP	0.0	-43.4
	77.0	-43.4
	77.0	+33.8
	0.0	+33.8

* -- These limits have not been error-adjusted. Refer to Section 2 of this Report for the error-adjusted setpoints.

Referred to by Tech. Spec. 3.5.2.6

Oconee 2 Cycle 15

ERROR ADJUSTED POWER-IMBALANCE OPERATIONAL SETPOINTS

0 EFPD to EOC

	POWER % OF 2568 MW	P-I OPERATIONAL LIMIT	FULL INCORE ALARM SETPOINT	BACKUP INCORE SETPOINT	OUTCORE ALARM SETPOINT
4 PUMP	0	-43.4	-31.5	-30.8	-31.1
	80	-43.4	-31.5	-30.8	-31.1
	90	-36.3	-29.7	-24.4	-24.8
	102	-27.5	-17.0	-16.6	-16.9
	102	+22.8	+17.0	+12.7	+13.2
	90	+27.1	+24.8	+16.7	+17.3
	80	+33.8	+31.5	+22.7	+23.4
	0	+33.8	+31.5	+22.7	+23.4
3 PUMP	0.0	-43.4	-31.5	-30.8	-31.1
	63.3	-43.4	-31.5	-	-
	63.7	-	-	-	-31.1
	64.0	-	-	-30.8	-
	77.0	-43.4	-17.0	-17.0	-17.0
	77.0	+33.8	+17.0	+17.0	+17.0
	71.6	-	-	+22.7	-
	71.0	-	-	-	+23.4
	63.3	+33.8	+31.5	-	-
	0.0	+33.8	+31.5	+22.7	+23.4

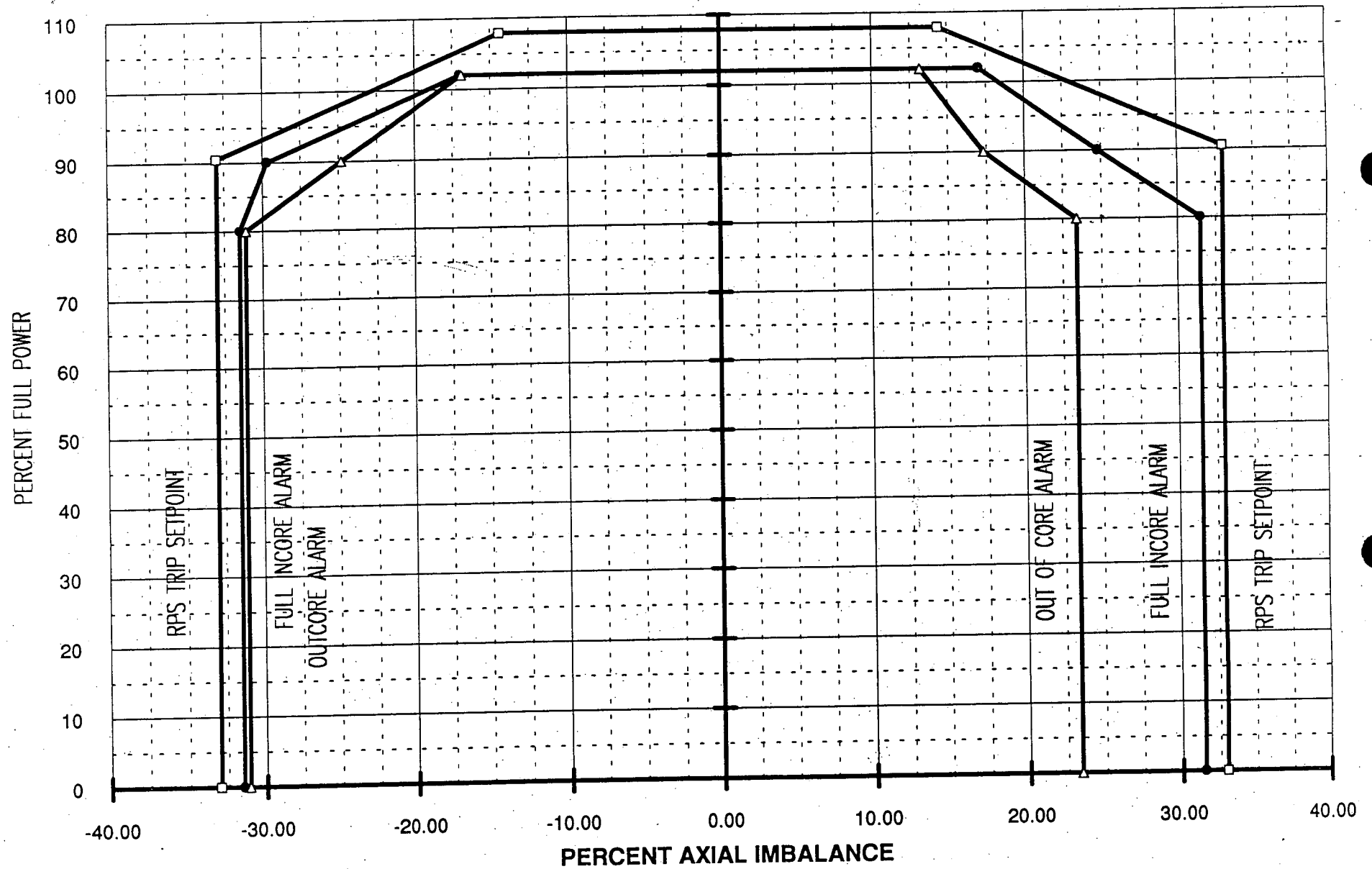
OCONEE 2 CYCLE 15 IMBALANCE SETPOINTS

4 PUMP OPERATION BOC TO EOC

PERCENT OF FULL POWER	R P S	TRIP	FULL INCORE ALARM		OUTCORE ALARM	
107.9	-14.40	14.40				
107	-15.36	15.36				
106	-16.42	16.42				
105	-17.48	17.48				
104	-18.55	18.55				
103	-19.61	19.61				
102	-20.67	20.67	-17.00	17.00	-16.90	13.20
101	-21.73	21.73	-18.06	17.65	-17.56	13.54
100	-22.80	22.80	-19.12	18.30	-18.22	13.88
99	-23.86	23.86	-20.18	18.95	-18.88	14.23
98	-24.92	24.92	-21.23	19.60	-19.53	14.57
97	-25.99	25.99	-22.29	20.25	-20.19	14.91
96	-27.05	27.05	-23.35	20.90	-20.85	15.25
95	-28.11	28.11	-24.41	21.55	-21.51	15.59
94	-29.17	29.17	-25.47	22.20	-22.17	15.93
93	-30.24	30.24	-26.53	22.85	-22.83	16.28
92	-31.30	31.30	-27.58	23.50	-23.48	16.62
91	-32.36	32.36	-28.64	24.15	-24.14	16.96
90.4	-33.00	33.00	-29.28	24.54	-24.54	17.16
90.0	-33.00	33.00	-29.70	24.80	-24.80	17.30
89	-33.00	33.00	-29.88	25.47	-25.43	17.91
88	-33.00	33.00	-30.06	26.14	-26.06	18.52
87	-33.00	33.00	-30.24	26.81	-26.69	19.13
86	-33.00	33.00	-30.42	27.48	-27.32	19.74
85	-33.00	33.00	-30.60	28.15	-27.95	20.35
84	-33.00	33.00	-30.78	28.82	-28.58	20.96
83	-33.00	33.00	-30.96	29.49	-29.21	21.57
82	-33.00	33.00	-31.14	30.16	-29.84	22.18
81	-33.00	33.00	-31.32	30.83	-30.47	22.79
80	-33.00	33.00	-31.50	31.50	-31.10	23.40
79	-33.00	33.00	-31.50	31.50	-31.10	23.40
78	-33.00	33.00	-31.50	31.50	-31.10	23.40
77	-33.00	33.00	-31.50	31.50	-31.10	23.40
76	-33.00	33.00	-31.50	31.50	-31.10	23.40
75	-33.00	33.00	-31.50	31.50	-31.10	23.40
0	-33.00	33.00	-31.50	31.50	-31.10	23.40
PERCENT OF FULL POWER	R P S	TRIP	FULL INCORE ALARM		OUTCORE ALARM	

OCONEE 2 CYCLE 15 IMBALANCE SETPOINTS 4 PUMP OPERATION -- BOC TO EOC

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OCONEE 2 CYCLE 15 IMBALANCE SETPOINTS

3 PUMP OPERATION BOC TO EOC

PERCENT OF FULL POWER	R P S	TRIP	FULL INCORE ALARM		OUTCORE ALARM	
80.6	-14.40	14.40				
80	-15.04	15.04				
79	-16.10	16.10				
78	-17.16	17.16				
77.0	-18.23	18.23	-17.00	17.00	-17.00	17.00
76	-19.29	19.29	-18.06	18.06	-18.06	18.06
75	-20.35	20.35	-19.12	19.12	-19.12	19.12
74	-21.41	21.41	-20.18	20.18	-20.18	20.18
73	-22.48	22.48	-21.23	21.23	-21.23	21.23
72	-23.54	23.54	-22.29	22.29	-22.29	22.29
71.0	-24.65	24.65	-23.40	23.40	-23.40	23.40
70	-25.67	25.67	-24.41	24.41	-24.41	23.40
69	-26.73	26.73	-25.47	25.47	-25.47	23.40
68	-27.79	27.79	-26.53	26.53	-26.53	23.40
67	-28.85	28.85	-27.58	27.58	-27.58	23.40
66	-29.92	29.92	-28.64	28.64	-28.64	23.40
65	-30.98	30.98	-29.70	29.70	-29.70	23.40
64	-32.04	32.04	-30.76	30.76	-30.76	23.40
63.7	-32.39	32.39	-31.10	31.10	-31.10	23.40
63.3	-32.79	32.79	-31.50	31.50	-31.10	23.40
63.1	-33.00	33.00	-31.50	31.50	-31.10	23.40
63	-33.00	33.00	-31.50	31.50	-31.10	23.40
62	-33.00	33.00	-31.50	31.50	-31.10	23.40
61	-33.00	33.00	-31.50	31.50	-31.10	23.40
60	-33.00	33.00	-31.50	31.50	-31.10	23.40
0	-33.00	33.00	-31.50	31.50	-31.10	23.40
PERCENT OF FULL POWER	R P S	TRIP	FULL INCORE ALARM		OUTCORE ALARM	

OCONEE 2 CYCLE 15 IMBALANCE SETPOINTS 3 PUMP OPERATION -- BOC TO EOC

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