DOCKET ND	50-269
DATE	March 14, 1997
COMPLETED BY	R.A. Williams
TELEPHONE	704-382-5346

Notes Year-to date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

Forecast

Achieved

OPERATING STATUS

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9. Power Level To Which Restricted, If Any (Net MWe):____ 10. Reason For Restrictions, If any:_____

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	672.0	1416.0	207097.0
12. Number Of Hours Reactor Was Critical	402.5	402.5	160836.5
13. Reactor Reserve Shutdown Hours	0	0	157876.3
15. Unit Reserve Shutdown Hours	0	0	0
16, Gross Thermal Energy Generated (MWH)	858528	858528	389224582
17. Gross Electrical Energy Generated (MWH)	294833	294833	134545909
18. Net Electrical Energy Generated (NWH)	275657	270448	127880795
19. Unit Service Factor	57.6	27.3	76.2
20. Unit Availability Factor	57.6	27.3	76.2
21. Unit Capacity Factor (Using MDC Net)	48.5	22.6	72.2
22. Unit Capacity Factor (Using DER Net)	46.3	21.6	69.7
23. Unit Forced Outage Rate	0.0	0.0	9.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
None			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: 26. Units In Test Status (Prior to Commercial Operation):

> INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

.

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW

PDR

9703190147 970314 PDR ADDCK 05000269

R

DAY

- 24

DOCKET NO	50-269
UNIT	Oconee 1
DATE	March 14, 1997
COMPLETED BY	R.A. Williams
TELEPHONE	704-382-5346

MONTH	February, 1997	
<u>DAY</u>	AVERAGE DAILY POWER LEVEL (NWe-Net)	•
1	· 0	
5	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
11	0	
12	00	,
13	399	
14	466	
15	590	
16	589	

AVERAGE DAILY POWER LEVEL (MWe-Net)
589
593
822
853
853
854
852
848
 <u></u>
838
830
UTL

50-269

DOCKET NO.

UNIT NAME OCONEE I COMPLETED BY R. A. Williams TELEPHONE (704)-382-5346 REPORT MONTH February 1997 PAGE 1 OF 2 (2) R E A S O (1)(4)(5)(3) ŇĔŤ-HOD T Y P E OF LICENSE SHUT SYS-Ν EVENT CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE Ō DURATION TEM COMPONENT DOWN REPORT DATE HOURS N R/X NO. CODE CODE • 2 97 - 2 - 1S 284.92 Α _ _ НJ HTEXCH OUTAGE EXTENDED DUE TO MOISTURE SEPARATOR REHEATER DRAIN LINE & ASSOCIATED PIPING REPAIR ACTIVITIES 1-P F В 97- 2-12 TE PIPEXX OUADRANT POWER TILT - -2-P 97- 2-13 ਜ Α НJ PUMPXX HOLDING AT 38% POWER TO START "1D1" - -- -& "1D2" HEATER DRAIN PUMP 3-P 97- 2-13 ਸ HH Α - -PUMPXX "1B" MAIN FEEDWATER PUMP MECHANICAL SPEED CONTROL 4 – P 97 - 2 - 13ਜ Α - -HH PUMPXX "1B" MAIN FEEDWATER PUMP MECHANICAL _ _ SPEED CONTROL 5 - P 97- 2-13 ਜ В _ _ ΤA INSTRU NUCLEAR INSTRUMENTATION CALIBRATION (2)(1)(3)(4)Éxhibit G - Instructions for Preparation of Data F Forced Reason: Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Other (Explain) S Scheduled A-Equipment Failure (Explain) B-Maintenance or test C-Refueling Entry Sheets For Licensee Event Report (LER) File (NUREG-0161) D-Regulatory Restriction E-Operator Training & License Examination F-Administrative (5)G-Operator Error (Explain) H-Other (Explain) Éxhibit I - Same Source

DOCKET NO. 50-269

									UNIT NAME OCONEE 1
				REP	ORT MO	NTH F	ebruar	ry 1997	COMPLETED BY R. A. Williams
PAGE 2	2 OF 2								TELEPHONE $(704) - 382 - 5346$
		(1)		(2) R	(3) MET-		(4)	(5)	
N O	DATE	T Y P E	DURATION HOURS	A S O N	HOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		+		<u> </u>	· ·				
6-P	97- 2-13	F		A			СВ	XXXXXX	HOLDING AT 54% POWER TO INVESTIGATE REACTOR COOLANT SYSTEM REACTIVITY
7-P	97- 2-14	F		В			IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATIO
8-P	97- 2-15	F		A			НВ	XXXXXX	HOLDING AT 69% POWER DUE TO FEEDWATER SWINGS
9-P	97- 2-15	F		A			СВ	PUMPXX	"1A1" REACTOR COOLANT PUMP VIBRATION PROBLEMS
10-P	97- 2-18	F		A			IF	INSTRU	INVESTIGATE INTEGRATED CONTROL SYSTEM CONTROL PROBLEMS
11-P	97- 2-18	F		A			IF	INSTRU	INTEGRATED CONTROL SYSTEM CONTROL PROBLEMS
(1) F For S Sch	(2) cced F heduled A I I I I I I I I I I I I I I I I I I I	leaso A-Equ B-Mai C-Ref D-Ref C-Ope C-Ope S-Ope I-Oth	n: ipment Fail ntenance or ulatory Res rator Train inistrative rator Error er (Explain	ure tes tric ing (Ex	(Expla t tion & Lice plain)	ain) ense Exami	natio	(3) Method: 1-Manual 2-Manual 3-Automa 4-Other	(4) Exhibit G - Instructions for Preparation of Data Entry Sheets For Licensee Event Report (LER) File (NUREG-0161) (5) Exhibit I - Same Source

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DOCKET: 50 - 269 UNIT: Oconee 1 DATE: 03/14/97

NARRATIVE SUMMARY

MONTH: February, 1997

Oconee Unit 1 began the month of February in an extended outage due to moisture separator reheater drain line and associated piping repair activities. The unit was placed on-line 02/12/97 at 2055. During power escalation, the unit held at 28% power on 02/12/97 from 2220 to 02/13/97 at 0204 due to quadrant power tilt. The unit held at 38% power from 0314 to 0424 to start "1D1" and "1D2" heater drain pump . On 02/13/97 at 0435 to 0438 the unit held at 40% power and from 0535 to 1459 at 54% power due to 1B main feedwater pump mechanical speed control. The unit also held at 54% power from 1459 to 1510 due to nuclear instrumentation calibration and from 1510 to 02/14/97 at 0655 to investigate reactor coolant system reactivity. The unit continued power escalation and held at 65% power from 02/15/97 at 0032 to 0213 due to feedwater swings and from 0213 to 02/18/97 at 2204 due to "1A1" reactor coolant pump vibration problems. On 02/18/97 from 2258 to 2309 the unit held at 76% power to investigate integrated control system control problems and from 2314 to 2354 at approximately 77% power due to integrated control system problems. The unit returned to 100% full power on 02/19/97 at 1530, and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams Telephone: (704) - 382-5346

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee, Unit 1</u>
- 2. Scheduled next refueling shutdown: <u>September 1997</u>
- 3. Scheduled restart following refueling: October 1997

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

(b)

- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
- 7. Number of Fuel assemblies
- (a) in the core: 177
 - in the spent fuel pool: 974*
- (c) in the ISFSI: 960****
- Present licensed fuel pool capacity: <u>1312</u>
 Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: <u>February</u> 2013***

DUKE POWER COMPANY DATE: March 14, 1997

Name of Contact: R. A. Williams Phone: (704) - 382-5346

- * Represents the combined total for Units 1 and 2
- ** On January 29, 1990, received a license for ISFSI which will store 2112 assemblies
- *** This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as-needed basis.

******** Represents the combined total for Units 1, 2, and 3

DOCKET NO	50-270
DATE	March 14, 1997
COMPLETED BY	R.A. Williams
TELEPHONE	704-382-5346

2. Reporting Period: February 1, 1997-February 28, 1997 3. Licensed Thermal Power (MWt): 2568 4. Nameplate Rating (Gross MWe): 934 Notes Year-to date and 5. Design Electrical Rating (Net MWe): 886 cumulative capacity factors 6. Maximum Dependable Capacity (Gross MWe): 886 are calculated using a weighted 7. Maximum Dependable Capacity (Net NWe): 846 average for maximum dependable 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last capacity. Report. Give Reasons:

Power Level To Which Restricted, If Any (Net MWe):__________
 Reason For Restrictions, If any:________

OPERATING STATUS

1. Unit Name: Oconee 2

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	672.0	1416.0	197017.0
12. Number Of Hours Reactor Was Critical	635.5	635.5	155645.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	601.9	601.9	153602.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (NWH)	1530312	1530312	376035470
17. Gross Electrical Energy Generated (NWH)	525183	525183	128794972
18. Net Electrical Energy Generated (MWH)	499921	491450	122645195
19. Unit Service Factor	89.6	42.5	78.0
20. Unit Availability Factor	89.6	42.5	78.0
21. Unit Capacity Factor (Using NDC Net)	87.9	41.0	72.8
22. Unit Capacity Factor (Using DER Net)	84.0	39.2	70.2
23. Unit Forced Outage Rate	. 10.4	57.5	10.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration	of Each):		
None		-	

25. If Shut Down At End Of Report Period. Estimated Date of Startup:_____

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW Forecast Achieved

.

<u>Day</u>

19 .

DOCKET NO	50-270
UNIT	Oconee 2
DATE	March 14, 1997
COMPLETED BY	R.A. Williams
TELEPHONE	704-382-5346

MONTH	February, 1997	
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	
1	. 0	
2	 0	
3	0	
4	532	
5	847	
6	846	•
7		
8	845	
9	844	
10		
11	841	
12	844	
13	851	
14	852	
15	953	
16	852	

AVERAGE DAILY POWER LEVEL (MWe-Net)
852
853
854
856
855
853
852
856
856
853
856
823

	UNIT SHUTDOWNS AND POWER REDUCTIONS									NS DOCKET NO. 50-270 UNIT NAME OCONEE 2
			DATE 03/14/97 COMPLETED BY R. A. Williams TELEPHONE (704)-382-5346							
			(1)		(2) R F	(3) MET-		(4)	(5)	-
	N O	DATE	T Y P E	DURATION HOURS	A S O N	OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
	2	97-2-1	F	70.10	A			HJ	PIPEXX	OUTAGE DELAY DUE TO 2ND STAGE REHEATER DRAIN LINE RUPTURE REPAIR ACTIVITIES
	1-P	97-2-4	F		A			HA	VALVEX	ELECTRICAL GENERATOR HYDROGEN COOL
	2-P	97- 2- 4	F		A			HB	HTEXCH	MOISTURE SEPARATOR REHEATER CHECKOUTS
	3-P	97-2-4	F		В			IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK
(1) (2) (3) (4) F Forced Reason: S Scheduled A-Equipment Failure (Explain) 1-Manual Scram B-Maintenance or test 2-Manual Scram C-Refueling D-Regulatory Restriction 4-Other (Explain) F-Administrative G-Operator Training & License Examination F-Administrative (Explain) (5) H-Other (Explain) (5) Exhibit I - Same Source										

DOCKET: 50 - 270

UNIT: Oconee 2

Date: 03/14/97

NARRATIVE SUMMARY

MONTH: February, 1997

Oconee Unit 2 began the month of February in an outage delayed due to second stage reheater drain line rupture repair activities. The unit was placed on-line 02/03/97 at 2206. On 02/04/97 the unit held at 22% power from 0115 to 0520 due to electrical generator hydrogen cooler valve failed closed. During power escalation, the unit held at 30% power from 02/04/97 at 0615 to 0817 due to moisture separator reheater checkouts. On 02/04/97 from 1117 to 1132 the unit held at 60% power due to nuclear instrumentation calibration check. The unit returned to 100% full power on 02/19/97 at 1647, and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams Telephone: (704) - 382-5346

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee, Unit 2</u>
- 2. Scheduled next refueling shutdown: February 1998
- 3. Scheduled restart following refueling: March 1998

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

(b)

(c)

- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
- 7. Number of Fuel assemblies
- (a) in the core: 177
 - in the spent fuel pool: 974*
 - in the ISFSI: See unit 1 ****
- Present licensed fuel pool capacity: <u>1312</u>
 Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: October 2013***

DUKE POWER COMPANY

DATE: March 14, 1997

Name of Contact:

<u>R. A. Williams</u>

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

- ** See footnote on Unit 1
- *** This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

50-287				
March 14, 1997				
R.A. Williams				
704-382-5346				

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OPERATING STATUS

1. Unit Name: Oconee 3 2. Properties Period: February 1, 1997-February	20 1007	
3 licenced Thereal Power (AUt) - 2548		
4. Nameplate Rating (Gross NWe): 934		Notes Year-to date and
5. Design Electrical Rating (Net MWe):		cumulative capacity factors
6. Maximum Dependable Capacity (Gross MWe):	886	are calculated using a weighted
7. Maximum Dependable Capacity (Net MWe):	846	average for maximum dependable
8. If Changes Occur in Capacity Ratings (Items	Number 3 Through 7) Since Last	capacity.
Report. Give Reasons:		

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9. Power Level To Which Restricted, If Any (Net NWe):______ 10. Reason For Restrictions, If any:______

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	672.0	1416.0	194654.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	150111.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0.0	0.0	148292.7
15. Unit Reserve Shutdown Hours	·0	0	0
15. Sross Thermal Energy Generated (MWH)	0	0	369366633
17. Gross Electrical Energy Generated (MWH)	0	0	127544077
18, Net Electrical Energy Generated (NWH)	-3902	-7613	121657072
19. Unit Service Factor	0.0	0.0	76.2
20. Unit Availability Factor	0.0	0.0	76.2
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	73.1
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	70.5
23. Unit Forced Outage Rate	100.0	100.0	10.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			······

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

1 037 937 KVA x 0.90 Pf=934 MW

DOCKET NO <u>50-287</u> UNIT <u>Oconee 3</u> DATE <u>March 14, 1997</u> COMPLETED BY <u>R.A. Williams</u> TELEPHONE <u>704-382-5346</u>

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MONTH <u>February, 1997</u>

DAY	AVERAGE DAILY POWER LEVEL (NWe-Net)	DAY
1	0	. 17
2 ·	0	19
3	0	. 19
4		20
5	0	21
6	0	25
7	0	23
8	0	24
9	0	25
10	0	26
11	00	27
12	0	28
13	0	
14	0	
15	0	
16	. 0	

AVERAGE DAILY POWER LEVEL (MWe-Net) _____0____0

_____0____

0 0 0

0 0

0

0

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			NS DOCKET NO. 50-287 UNIT NAME OCONEE 3						
		DATE 03/14/97. COMPLETED BY R. A. Williams TELEPHONE (704)-382-5346							
N O ·	DATE	(1) T Y P E	DURATION HOURS	(2) REASON	(3) MET- HOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
3	97-2-1	F	672.00	A			HJ	PIPEXX	OUTAGE DELAY DUE TO MOISTURE SEPARATOR REHEATER DRAIN LINE & ASSOCIATED PIPING REPAIR ACTIVITIES
<pre>(1) (2) (3) (4) F Forced S Scheduled Reason: A-Equipment Failure (Explain) 1-Manual B-Maintenance or test 2-Manual Scram C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operator (Explain) (5) Hethod: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Other (Explain) (5) Exhibit I - Same Source</pre>									

DOCKET: 50 - 287

UNIT: Oconee 3

Date: 03/14/97

NARRATIVE SUMMARY

MONTH: February, 1997

Oconee Unit 3 began the month of February in an outage extended due to moisture separator reheater drain line and associated piping repair activities. The unit was in the outage delayed due to moisture separator reheater drain line and associated piping repair activities the entire month of February, 1997. End -of-cycle 16 refueling outage has spanned 147.48 days of which 103.48 days are attributed to the on going maintenance activities to evaluate, inspect and modify moisture separator reheater drain line and associated piping. The unit remained in the outage the entire month

Prepared by: R. A Williams Telephone: (704) - 382-5346

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee, Unit 3</u>
- 2. Scheduled next refueling shutdown: <u>Currently Refueling</u>
- 3. Scheduled restart following refueling: <u>March 1997</u>

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

- 5. Scheduled date(s) for submitting proposed licensing action and supporting information.
- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies

- (a) in the core: 177
- (b) in the spent fuel pool: 552
- (c) in the ISFSI: See Unit 1 ****

DATE: March 14, 1997

Phone: (704) - 382-5346

- Present licensed fuel pool capacity: <u>825</u>
 Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: July 2014***

R. A. Williams

** See footnote of Unit 1

DUKE POWER COMPANY

Name of Contact:

- *** This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.
- **** See footnote on Unit 1