

# CATEGORY 1

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50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.      05000270  
50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.      05000287

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RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1997 for Oconee Nuclear Station, Units 1, 2, & 3. W/971114 ltr.

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November 14, 1997

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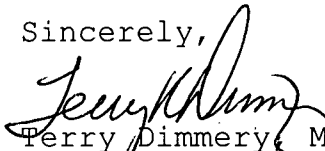
Subject: Oconee Nuclear Station  
Docket No. 50-269, -270, -287

Dear Sir:

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of October, 1997.

Any questions or comments may be directed to Roger A. Williams at (704) 382-5346.

Sincerely,

  
Perry Dimmery, Manager  
Nuclear Business Support

Attachment

L. A. Reyes, Regional Administrator  
USNRC, Region II

Dave LaBarge, Project Manager  
USNRC, ONRR

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OPERATING DATA REPORT

DOCKET NO 50-269

DATE November 14, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 1997-October 31, 1997
3. Licensed Thermal Power (MWT): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: \_\_\_\_\_

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

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7296.0	212977.0
12. Number Of Hours Reactor Was Critical	0.0	4437.4	164871.3
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	4398.9	161888.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	9825368	398191422
17. Gross Electrical Energy Generated (MWH)	0	3364812	137615888
18. Net Electrical Energy Generated (MWH)	-1766	3184498	130794845
19. Unit Service Factor	0.0	60.3	76.0
20. Unit Availability Factor	0.0	60.3	76.0
21. Unit Capacity Factor (Using MDC Net)	0.0	51.6	71.8
22. Unit Capacity Factor (Using DER Net)	0.0	49.3	69.3
23. Unit Forced Outage Rate	0.0	15.6	9.5
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently Refueling</u>			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: November 28, 1997

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

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

MONTH October, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269  
 UNIT NAME OCONEE I  
 DATE 11/14/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH October 1997

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5	97-10- 1	S	745.00	C	--		RC	FUELXX	END-OF-CYCLE 17 REFUELING OUTAGE

- (1)  
 F Forced  
 S Scheduled

- (2)  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operator Error (Explain)  
 H-Other (Explain)

- (3)  
 Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Other (Explain)

- (4)  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets For Licensee  
 Event Report (LER)  
 File (NUREG-0161)

- (5)  
 Exhibit I - Same Source

DOCKET: 50 - 269

UNIT: Oconee 1

DATE: 11/14/97

### NARRATIVE SUMMARY

MONTH: October, 1997

Oconee Unit 1 began the month of October in end-of-cycle 17 refueling outage. The unit was in the refueling outage the remainder of the month.

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





OPERATING DATA REPORT

DOCKET NO 50-270

DATE November 14, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 1997-October 31, 1997
3. Licensed Thermal Power (MWT): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: \_\_\_\_\_

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

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7296.0	202897.0
12. Number Of Hours Reactor Was Critical	745.0	5598.7	160608.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line.	745.0	5513.2	158514.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1922918	14089040	388594198
17. Gross Electrical Energy Generated (MWH)	655894	4859187	133128976
18. Net Electrical Energy Generated (MWH)	626703	4621798	126775543
19. Unit Service Factor	100.0	75.6	78.1
20. Unit Availability Factor	100.0	75.6	78.1
21. Unit Capacity Factor (Using MDC Net)	99.4	74.9	73.1
22. Unit Capacity Factor (Using DER Net)	94.9	71.5	70.5
23. Unit Forced Outage Rate	0.0	24.4	10.2
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - March 27, 1998.- 55 days			

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

INITIAL CRITICALITY                      \_\_\_\_\_

INITIAL ELECTRICITY                      \_\_\_\_\_

COMMERCIAL OPERATION                      \_\_\_\_\_

OPERATING DATA REPORT

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

MONTH October, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>837</u>	17	<u>845</u>
2	<u>837</u>	18	<u>844</u>
3	<u>838</u>	19	<u>846</u>
4	<u>839</u>	20	<u>847</u>
5	<u>839</u>	21	<u>847</u>
6	<u>839</u>	22	<u>847</u>
7	<u>838</u>	23	<u>848</u>
8	<u>830</u>	24	<u>849</u>
9	<u>826</u>	25	<u>849</u>
10	<u>832</u>	26	<u>849</u>
11	<u>836</u>	27	<u>849</u>
12	<u>838</u>	28	<u>849</u>
13	<u>840</u>	29	<u>850</u>
14	<u>840</u>	30	<u>851</u>
15	<u>843</u>	31	<u>813</u>
16	<u>845</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270

UNIT NAME OCONEE 2

DATE 11/14/97

COMPLETED BY R. A. Williams

TELEPHONE (704)-382-5346

REPORT MONTH October 1997

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTION	S		

- (1)  
F Forced  
S Scheduled

- (2)  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operator Error (Explain)  
H-Other (Explain)

- (3)  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

- (4)  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets For Licensee  
Event Report (LER)  
File (NUREG-0161)

- (5)  
Exhibit I - Same Source

DOCKET: 50 - 270

UNIT: Oconee 2

Date: 11/14/97

### NARRATIVE SUMMARY

MONTH: October, 1997

Oconee Unit 2 began the month of October operating at 100% full power. The unit operated at or near 100% full power for the entire month.

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





OPERATING DATA REPORT

DOCKET NO 50-287  
 UNIT Ocnee 3  
 DATE November 14, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>0</u>	17	<u>853</u>
2	<u>0</u>	18	<u>855</u>
3	<u>0</u>	19	<u>859</u>
4	<u>0</u>	20	<u>859</u>
5	<u>0</u>	21	<u>858</u>
6	<u>0</u>	22	<u>858</u>
7	<u>0</u>	23	<u>860</u>
8	<u>0</u>	24	<u>861</u>
9	<u>0</u>	25	<u>861</u>
10	<u>0</u>	26	<u>862</u>
11	<u>102</u>	27	<u>861</u>
12	<u>783</u>	28	<u>862</u>
13	<u>834</u>	29	<u>862</u>
14	<u>850</u>	30	<u>862</u>
15	<u>849</u>	31	<u>840</u>
16	<u>851</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 11/14/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH October 1997

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
9	97-10- 1	F	253.05	A	--		SB	XXXXXX	REPAIR "3B" REACTOR BUILDING COOLING UNIT
21-P	97-10-11	F	--	A	--		HJ	VALVEX	INVESTIGATE/REPAIR "3B1" FEEDWATER HEATER BLEED INLET VALVE
22-P	97-10-11	F	--	A	--		HJ	VALVEX	INVESTIGATE/REPAIR "3A" FEEDWATER HEATER DRAIN LEVEL CONTROL VALVE

(1)  
 F Forced  
 S Scheduled

(2)  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operator Error (Explain)  
 H-Other (Explain)

(3)  
 Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Other (Explain)

(4)  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets For Licensee  
 Event Report (LER)  
 File (NUREG-0161)

(5)  
 Exhibit I - Same Source



DOCKET: 50 - 287

UNIT: Oconee 3

Date: 11/14/97

### NARRATIVE SUMMARY

MONTH: October, 1997

Oconee Unit 3 began the month of October in an outage to repair "3B" reactor building cooling unit and "3B" high pressure injection pump. The unit was placed on-line 10/11/97 at 0428 and held at 15% power from 10/11/97 at 1303 to 10/11/97 at 1514 to investigate or repair "3B1" feedwater heater bleed inlet valve. During power escalation, the unit held at 63% power from 2245 to 2320 to investigate or repair "3A" feedwater heater drain level control valve. The unit returned to 100% full power on 10/13/97 at 2233, and operated at or near 100% full power the remainder of the month.

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



OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

September 1997

1. Personnel Exposure -

The total station liquid release for September has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for September has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.