

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8802230014 DOC.DATE: 88/01/31 NOTARIZED: NO DOCKET #
 FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287
 AUTH.NAME AUTHOR AFFILIATION
 REAVIS,J.A. Duke Power Co.
 TUCKER,H.B. Duke Power Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1988.W/880215 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 12
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:AEOD/Ornstein:1cy. 05000269 S
 AEOD/Ornstein:1cy. 05000270
 AEOD/Ornstein:1cy. 05000287 /

	RECIPIENT		COPIES		
	ID CODE/NAME	LTTR	ENCL		
	PD2-3 LA	1	0		
	PASTIS,H	1	0		
INTERNAL:	AEOD/DOA	1	1	AEOD/DSP/TPAB	1 1
	ARM TECH ADV	2	2	NRR/DLPQ/PEB	1 1
	NRR/DOEA/EAB	1	1	NRR/DREP/RPB	1 1
	NRR/PMAS/ILRB	1	1	<u>REG FILE</u> 01	1 1
	RGN2	1	1		
EXTERNAL:	EG&G GROH,M	1	1	LPDR	1 1
	NRC PDR	1	1	NSIC	1 1
NOTES:		1	1		

R
I
D
S
/
A
D
D
S

R
I
D
S
/
A
D
D
S

TOTAL NUMBER OF COPIES REQUIRED: LTTR 22 ENCL 20

OPERATING DATA REPORT

DOCKET 50-269

DATE 2-15-88

OPERATING STATUS

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

1. Unit Name: OCONEE 1
2. Reporting Period: JANUARY 1, 1988-JANUARY 31, 1988
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross 899
7. Maximum Dependable Capacity (Net MW 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	744.0	744.0	127,513.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	94,052.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	90,440.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,911,816	1,911,816	218,396,881
17. Gross Electrical Energy Generated (MWH)	661,625	661,625	75,769,282
18. Net Electrical Energy Generated (MWH)	632,898	632,898	71,844,003
19. Unit Service Factor	100.0	100.0	70.9
20. Unit Availability Factor	100.0	100.0	71.0
21. Unit Capacity Factor (Using MDC Net)	100.6	100.6	65.4
22. Unit Capacity Factor (Using DER Net)	96.0	96.0	63.6
23. Unit Forced Outage Rate	0.0	0.0	13.8
24. Shutdowns 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):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

8802230014 880131
PDR ADOCK 05000269
R DCD

IE24%

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-269
UNIT Oconee 1
DATE February 15, 1988
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH JANUARY, 1988

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	849	17	851
2	849	18	852
3	848	19	852
4	848	20	852
5	849	21	851
6	850	22	852
7	850	23	852
8	850	24	852
9	850	25	852
10	850	26	852
11	849	27	852
12	851	28	852
13	851	29	852
14	850	30	852
15	850	31	852
16	851		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269UNIT NAME OCONEE 1DATE 02/15/88REPORT MONTH January 1988COMPLETED BY J. A. REAVISTELEPHONE (704)-373-7567

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T H O D O F S H U T D O W N R / X	LICENSE EVENT REPORT NO.	(4) S Y S - T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR	REDUCTIONS				

(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 NO: 50-269

UNIT: Oconee 1

DATE: 02/15/88

NARRATIVE SUMMARY

Month: January, 1988

Oconee Unit 1 operated at 100% full power for the entire month of January.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: February, 1989
3. Scheduled restart following refueling: March, 1989
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? -----

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 874*
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: February 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET 50-270

DATE 2-15-88

OPERATING STATUS

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

1. Unit Name: OCONEE 2
2. Reporting Period: JANUARY 1, 1988-JANUARY 31, 1988
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross 899
7. Maximum Dependable Capacity (Net MW 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 weight-	
ed 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	744.0	744.0	117,433.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	89,440.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	88,037.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,626,480	1,626,480	209,266,582
17. Gross Electrical Energy Generated (MWH)	544,030	544,030	71,226,711
18. Net Electrical Energy Generated (MWH)	516,999	516,999	67,714,317
19. Unit Service Factor	100.0	100.0	75.0
20. Unit Availability Factor	100.0	100.0	75.0
21. Unit Capacity Factor (Using MDC Net)	82.1	82.1	66.9
22. Unit Capacity Factor (Using DER Net)	78.4	78.4	65.1
23. Unit Forced Outage Rate	0.0	0.0	11.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - February 3, 1988 - 10 weeks

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

-----	-----
-----	-----
-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-270

UNIT Oconee 2

DATE February 15, 1988

COMPLETED J. A. Reavis

TELEPHONE 704-373-7567

MONTH JANUARY, 1988

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	698	17	695
2	698	18	696
3	696	19	696
4	698	20	695
5	696	21	695
6	694	22	696
7	696	23	696
8	696	24	696
9	695	25	695
10	695	26	693
11	695	27	685
12	695	28	693
13	694	29	694
14	695	30	693
15	695	31	693
16	696		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 02/15/88REPORT MONTH January 1988COMPLETED BY J. A. REAVISTELEPHONE (704)-373-7567

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4) S Y S - T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1-p	88- 1- 1	F	--	A	--		CH	HTEXCH	HIGH LEVEL 'B' STEAM GENERATOR
2-p	88- 1-27	F	--	H	--		HJ	XXXXXX	FEEDWATER SWING
3-p	88- 1-27	F	--	A	--		CH	HTEXCH	HIGH LEVEL 'B' STEAM GENERATOR

(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 NO: 50-270

UNIT: Oconee 2

DATE: 02/15/88

NARRATIVE SUMMARY

Month: January, 1988

Oconee Unit 2 began the month of January operating at 86% power, limited by high level in the "B" Steam Generator. On 01/27 at 0226, the unit was reduced to 80% to stabilize swings in the feedwater flow. The unit returned to 85% at 1700 on 01/27, where it operated for the remainder of the month, limited by high level in the "B" Steam Generator.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: February, 1988
3. Scheduled restart following refueling: April, 1988
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? -----

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 874*
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: February 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET 50-287

DATE 2-15-88

OPERATING STATUS

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

1. Unit Name: OCONEE 3
2. Reporting Period: JANUARY 1, 1988-JANUARY 31, 1988
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross 899
7. Maximum Dependable Capacity (Net MW 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 weight-
ed 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	744.0	744.0	115,080.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	84,092.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	82,729.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,847,112	1,847,112	202,746,574
17. Gross Electrical Energy Generated (MWH)	642,838	642,838	69,853,383
18. Net Electrical Energy Generated (MWH)	616,050	616,050	66,544,680
19. Unit Service Factor	100.0	100.0	71.9
20. Unit Availability Factor	100.0	100.0	71.9
21. Unit Capacity Factor (Using MDC Net)	97.9	97.9	67.1
22. Unit Capacity Factor (Using DER Net)	93.5	93.5	65.3
23. Unit Forced Outage Rate	0.0	0.0	13.1

24. Shutdowns 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):

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-287

UNIT Oconee 3

DATE February 15, 1988

COMPLETED J. A. Reavis

TELEPHONE 704-373-7567

MONTH JANUARY, 1988

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	852	17	856
2	852	18	858
3	726	19	859
4	727	20	859
5	751	21	858
6	751	22	859
7	750	23	858
8	749	24	859
9	749	25	857
10	760	26	857
11	852	27	858
12	856	28	858
13	856	29	858
14	856	30	858
15	855	31	857
16	857		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287UNIT NAME OCONEE 3DATE 02/15/88REPORT MONTH January 1988COMPLETED BY J. A. REAVISTELEPHONE (704)-373-7567

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4) S Y S - T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1-p	88- 1- 3	F	--	A	--		CH	HTEXCH	STEAM GENERATOR TUBE LEAK
2-p	88- 1- 4	F	--	A	--		CH	HTEXCH	STEAM GENERATOR TUBE LEAK

(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 NO: 50-287

UNIT: Oconee 3

DATE: 02/15/88

NARRATIVE SUMMARY

Month: January, 1988

Oconee Unit 3 began the month of January operating at 100% full power. On 01/03 at 0254, the unit reduced power to 83% due to a Steam Generator tube leak. The unit began increasing power at 1033 on 01/04, and reached 88% power at 1600 on 01/04, where it operated until 01/10, limited in power by the tube leak. At 1700 on 01/10, the unit began increasing power, reaching 100% full power at 0325 on 01/11, where it operated for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: July, 1988
3. Scheduled restart following refueling: September, 1988
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? -----

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 501
8. Present licensed fuel pool capacity: 875
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1991

DUKE POWER COMPANY

DATE: February 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

For the month of December, no individuals exceeded 10 percent of their allowable annual radiation dose limit.

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

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

February 15, 1988

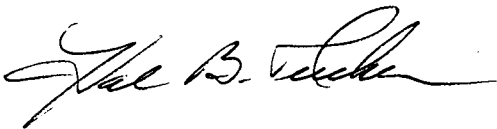
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

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

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of January, 1988.

Very truly yours,



Hal B. Tucker

JAR/1392/sbn

Attachment

xc: Dr. J. Nelson Grace
Regional Administrator/Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

Ms. Helen Pastis, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. P. H. Skinner
NRC Resident Inspector
Oconee Nuclear Station

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, CT 06032

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30323

Mr. Robert G. Rogers
Nuclear Assurance Corporation
6251 Crooked Creek Road
Norcross, Georgia 30092

1E2A
11