OPERATING DATA REPORT

DOCKET NO 50-302

DATE 5/5/81

COMPLETED BY M. W. Culver
TELEPHONE 904/795-6486

	OPERATING STATUS			1110.12 _304/13.
3 4 5 6 7	Unit Name: Crystal River 3 Reporting Period. 4/1/81 - 4/30/81 Licensed Thermal Power (MWI): 2452 Nameplate Rating (Gross MWe): 890 Design Electrical Rating (Net MWe): 825 Maximum Dependable Capacity (Gross MWe): Maximum Dependable Capacity (N.1 MWe): If Changes Occur in Capacity Ratings (Items Nur N/A)	821 782 mber 3 Through 7) Si	Notes nce Last Report, Give F	Reasons:
	Power Level To Which Restricted, If Any (Net M Reasons For Restrictions, If Any:	(We): None None		
		This Month	Yrto-Date	Cumulative
1	Hours In Reporting Period	719	2879	36239
	Number Of Hours Reactor Was Critical	260.4	1856.77	21741.28
	Reactor Reserve Shutdown Hours	0.0	0	1129.22
	Hours Generator On-Line	252	1835.5	21200.88
	Unit Reserve Shutdown Hours	0.0	0	0
	Gross Thermal Energy Generated (MWH)	574827	4250355.3	46928765
	Gross Electrical Energy Generated (MWH:	195932	1459615.2	15963546
	Net Electrical Energy Generated (MWH)	186217	1388889	15134459
	Unit Service Factor	35.05%	63.75%	58.50%
0.	Unit Availability Factor	35.05%	63.75%	58.50%
	Unit Capacity Factor (Using MDC Net)	33.12%	61.69%	53.41%
	Unit Capacity Factor (Using DER Net)	31.39%	58.48%	50.62%
	Unit Forced Outage Rate	64.95%	25.72%	28.70%
4.	Shutdowns Scheduled Over Next 6 Months Type Refueling outage starting 9/	Date and Duration 19/81 and last	of Each) ing approximatel	y 12 weeks.
5.	If Shut Down At End Of Report Period, Estimated	d Date of Startup: _	N/A	
	Units In Test Status (Prior to Commercial Operation		Forecast	Achieved
	INITIAL CRITICALITY			1/14/77
	INITIAL ELECTRICITY			1/30/77
	COMMERCIAL OPERATION			3/13/77

COMMERCIAL OPERATION

DOCKET NO. UNIT NAME

50-302 FLCRP-3

April, 1981 (pg. 1 of 3) COMPLETED by REPORT MONTH.

TELEPHONE 904/795-6486

No.	Date	Type1	Duration (Hours)	Reason?	Method of Shutting Down Reactor3	Licensee Event Ecport #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
81-18	810401	F	140.4	A	1	N/A	кС	FUELXX	Continuation of shutdown from last month. Plant was shutdown on 3/26/81 due to a loose part in steam generator B2. The part has been identified as a control rod guide tube nut.
81-19	810409	S	5.6	В	4	N/A	НС	HTEXCH	Reduced power to 80% to clean water- boxes A and B
81-20	810411	F	6.8	A	3	81-021-03L-0	IE	INSTRU	Unit tripped off line due to a loss of "D" inverter and resulting loss of NNI-Y power supply.

F: Forced

S: Scheduled

Reason:

A Equipment Failure (Explain)

B. Maintenance of Test

C Refueling

D Regulatory Restriction

1 Operator Training & License Examination

1-Administrative

G Operational Error (Explain)

11 Other (r.xplain)

Method:

3

1-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Lie usee Event Report (LDR) I de (NUR) G 0161)

Exhibit L. Same Source

50-302 DOCKET NO. FLCRP-3 UNIT NAME 5/6/81 DATE _

REPORT MONTH April, 1981 (Pg. 2 of 3) COMPLETED BY TELEPHONE

No.	Date	Type1	Duration (Hours)	Reason	Method of Shutting Down Reactor?	Licensee Event Report #	System. Code4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
81-21	810412	F	319.8	A	3	81-022-03L-0	НА	VALVEX	The "Moog Valve" in the electro- hydraulic control system failed causing the turbine stop valve to open rully, simultaneously with 2 turbine governor valves. This caused a depressurization of "A" steam generator which resulted in a Main Steam Rupture Matrix actua- tion. Ultimately, the result was an anticipatory reactor trip on low steam generator level. The unit remained down to repair a main steam i olation valve damaged in the transient and to investigate why RCV-14 failed to open. The outage was further extended by a CRD stator replacement and the discovery of water in the lower oil reservoir on RCP-1D due to some small leaks in the oil cooler. All equipment was repaired.

F: Forced S: Scheduled Reason:

A-Lquipment Failure (Explain)

B Maintenance of Test

C Refueling

D-Regulatory Restriction

1 Operator Training & License Examination

F-Administrative

G-Operational Error (Explain)

H-Other (Explain)

Method:

1-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee

Event Report (LLR) File (NURE) 0161)

Exhibit I - Same Source

(9/77)

DOCKETNO 50-302 UNIT NAME FLCRP-3 DATE 5/6/81

REPORT MONTH April, 1981 (Pg. 3 of 3) COMPLETED BY M. W. Culver

No.	Date	Typel	Duration (Hours)	Reason,	Method of Shatting Down Reactor 3	Licensee Event Report #	System Code	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
81-22	810427 810430	S	10.3	B	4 4	N/A N/A	НС	HTEXCH PUMPXX	Reduced power to approximately 75% to clean waterbox A. Reduced power to approximately 50% to fix a steam leak on "A" MFWP.

F: Forced

S Scheduled

Reason:

A-Equipment Failure (Explain)

B-Maintenance of Test

C-Refueling

D-Regulatory Restriction

1 Operator Training & License Examination

I Administrative

G-Operational Error (Explain)

H-Other (Explain)

Method:

I-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NURLG. 0161)

Exhibit 1 - Same Source

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-302				
UNIT	FLCRP-3				
· DATE	5/6/81				
COMPLETED BY	M. W. Culver				
TELEPHONE	(904) 795-6486				

AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
0	17	0
0	18	0
0	19	0
0	20	0
0	21	0
26	22	0
680	23	0
794	24	0
776	25	307
750	26	759
630	27	771
0	28	699
0	29	803
0	30	777
0	31	
0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

MONTHLY OPERATIONAL SUMMARY STATEMENT

DOCKET NO. 50-302

UNIT FLCRP-3

DATE 5/6/81

COMPLETED BY M. W. Culver

TELEPHONE 904/795-6486

MONTH April, 1981

SUMMARY STATEMENT:

The unit began the month with a continuation of a shutdown from last month. Power operation was further limited by two (2) additional reactor trips and three (3) power reductions during the month of April.

OPERATING DATA REPORT

DOCKET NO 50-302

DATE 5/5/81

COMPLETED BY M. W. Culver
TELEPHONE 904/795-6486

	OPERATING STATES					
2 3 4 5 6 -	Unit Name: Crystal River 3 Reporting Period 4/1/81 - 4/30/81 Licensed Thermal Power (Mwt): 2452 Nameplate Rating (Gross Mwe): 890 Design Electrical Rating (Net Mwe): 825 Maximum Dependable Capacity (Cross Mwe): 4 Maximum Dependable Capacity (Net Mwe): 4 If Changes Occur in Capacity Ratings (Items Num N/A)	Notes nce Last Report. Give Reasons				
	Power Level To Which Restricted, If Any (Net MV Reasons For Restrictions, If Any:	None None				
		This Month	Yr -to-Date	Cumulative		
		719	2879	36239		
	Hours In Reporting Period	260.4	1856.77	21741.28		
	Number Of Hours Reactor Was Critical	0.0	0	1129.22		
	Reactor Reserve Shutdown Hours Hours Generator On-Line	252	1835.5	21200.88		
	Unit Reserve Shutdown Hours	0.0	0	0		
	Gross Thermal Energy Generated (MWH)	574827	4250355.3	46928765		
	Gross Electrical Energy Generated (MWH)	195932	1459615.2	15963546		
	Net Electrical Energy Generated (MWH)	186217	1388889	15134459		
	Unit Service Factor	35.05%	63.75%	58.50%		
	Unit Availability Factor	35.05%	63.75%	58.50%		
	Unit Capacity Factor (Using MDC Net)	33.12%	61.69%	53.41%		
	Unit Capacity Factor (Using DER Net)	31.39%	58.48%	50.62%		
	Unit Forced Outage Rate	64.95%	25.72%	28.70%		
	Shutdowns Scheduled Over Next 6 Months (Type. Refueling outage starting 9/			y 12 weeks.		
75	If Shut Down At End Of Report Period, Estimated	Date of Startus	N/A			
	Units In Test Status (Prior to Commercial Operation		Forecast	Achieved		
	INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION			1/14/77 1/30/77 3/13/77		

DOCKET NO. UNIT NAME 50-302 FLCRP-3

DATE

TELEPHONE 904/795-6486

REPORT MONTH

April, 1981 (pg. 1 of 3) COMPLETED BY

Date	Ispel	Duration	Reason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code [‡]	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
810401	F	140.4	A	1	N/A	RC	FUELXX	Continuation of shutdown from last month. Plant was shutdown on 3/26/81 due to a loose part in steam generator B2. The part has been identified as a control rod guide tube nut.
810409	S	5.6	В	4	N/A	нс	HTEXCH	Reduced power to 80% to clean water- boxes A and B
810411	F	6.8	A	3	81-021-03L-0	IE	INSTRU	Unit tripped off line due to a loss of "D" inverter and resulting loss of NNI-Y power supply.
CAN AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN TH	810401 810409	810401 F 810409 S	810401 F 140.4 810409 S 5.6	810401 F 140.4 A 810409 S 5.6 B	810401 F 140.4 A 1 Shatting Shatting 1	Date Date	Date Da	Date Part Pa

F Forced

S. Scheduled

Reason:

All quipment Failure (Explain)

B. Maintenance or Test

Refueling

D Regulatory Restriction

1 Operator Training & License Examination

i-Administrative

G Operational Error (Explain)

P. Other (1 xplain)

Method:

3

I-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) Lile (NURLG 01611

Exhibit L. Same Sonice

(1)/77)

50-302 DOCKET NO. FLCRP-3 UNIT NAME DATE _5/6/81

REPORT MONTH April, 1981 (Pg. 2 of 3) COMPLETED BY

No.	Date	Lypyl	Duration (Hours)	Reason	Method of Shutting Down Reactor?	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
81-21	810412	F	319.8	A	3	81-022-03L-0	на	VALVEX	The "Moog Valve" in the electro- hydraulic control system failed causing the turbine stop valve to open fully, simultaneously with 2 turbine governor valves. This caused a depressurization of "A" steam generator which resulted in a Main Steam Rupture Matrix actua- tion. Ultimately, the result was an anticipatory reactor trip on low steam generator level. The unit remained down to repair a main steam isolation valve damaged in the transient and to investigate why RCV-14 failed to open. The outage was further extended by a CRD stator replacement and the discovery of water in the lower oil reservoir on RCP-1D due to some small leaks in the oil coe'er. All equipment was repaired.

F Forced

S: Scheduled

Reason:

A-Lquipment Failure (Explain)

B. Maintenance or Test

(Refueling

D Regulatory Restriction

1 Operator Training & License Examination

1. Administrative

G Operational Liver (Explain)

11 Other (Explain)

Method:

1-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Steets for Licensee Event Report (LLR) File (NURL) 0161)

1 xhibit 1 - Same Source

DOCKETNO. 50-302 UNITNAME FLCRP-3 DATE 5/6/81

REPORT MONTH April, 1981 (Pg. 3 of 3) COMPLETED BY M. W. Culver

No.	Date	Expel	Daration (Hours)	Reasont	Method of Shutting Down Reactor?	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
81-22 81-23	810427 810430	S	10.3	В	4 4	N/A N/A	нс	PUMPXX	Reduced power to approximately 75% to clean waterbox A. Reduced power to approximately 50% to fix a steam leak on "A" MFWP.

Forced

S Scheduled

Reason:

A Equipment Failure (Explain)

B Maintenance of Test

C Refueling

D Regulatory Restriction

1 Operator Training & License Examinar on

I Administrative

G-Operational Loror (Explain)

H. Other (Explain)

Method:

1-Manual

2-Manual Scram.

3-Automatic Scrain.

4-Other (Explain)

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LIR) I de (SURI G. 0161)

Exhibit L. Same Source

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

50-302					
FLCRP-3					
5/	6/8				
М.	W.	Culver			
(90)4)	795-6486			
	5/ M.	FLCR 5/6/8 M. W.			

AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
0	17	0
0	18	0
0	19	0
0	20	0
0	21	0
26	22	0
680	23	0
794	24	0
776	25	307
750	20	759
630	27	771
0	28	699
0	29	803
0	30	777
0	31	
0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

MONTHLY OPERATIONAL SUMMARY STATEMENT

UNIT FLCRP-3

DATE 5/6/81

COMPLETED BY M. W. Culver

TELEPHONE 904/795-6486

MONTH April, 1981

SUMMARY STATEMENT:

The unit began the month with a continuation of a shutdown from last month. Power operation was further limited by two (2) additional reactor trips and three (3) power reductions during the month of April.