

OPERATING DATA REPORT

DOCKET NO 50-321
 DATE 09-10-82
 COMPLETED BY BEN EMZETTIA
 TELEPHONE (912) 367-7781 X 203

OPERATING STATUS

- * Notes
- * 1. Unit Name: E. I. Hatch Nuclear Plant Unit 1
- * 2. Reporting Period: 08-82
- * 3. Licensed Thermal Power (MWe): 2436
- * 4. Nameplate Rating (Gross MWe): 859.3
- * 5. Design Electrical Rating (Net MWe): 777.3
- * 6. Maximum Dependable Capacity (Gross MWe): 801.2
- * 7. Maximum Dependable Capacity (Net MWe): 761.7
- * 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

- * 9. Power Level to Which Restricted, If Any (Net MWe):
- * 10. Reasons for Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	5831	5839
12. Number of Hours Reactor Was Critical	733.4	3624.9	42016.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	728.6	3400.0	39234.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	169920	7439907	82216359
17. Gross Electrical Energy Generated (MWh)	54520	2398400	26622130
18. Net Electrical Energy Generated (MWh)	52091	2270675	25279483
19. Unit Service Factor	97.9	58.3	67.1
20. Unit Availability Factor	97.9	58.3	67.1
21. Unit Capacity Factor (Using MDC Net)	91.9	51.1	56.8
22. Unit Capacity Factor (Using DER Net)	99.1	50.1	55.7
23. Unit Forced Outage Rate	2.1	30.9	20.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-321
 DATE 09-10-82
 COMPLETED BY BEN BAZZETTA
 TELEPHONE (912) 367-7781 x 203

MONTH 08-82

DAY	AVERAGE DAILY POWER LEVEL (HMe-Net)	DAY	AVERAGE DAILY POWER LEVEL (HMe-Net)
1	737	17	735
2	729	18	719
3	729	19	742
4	736	20	741
5	730	21	738
6	727	22	720
7	722	23	738
8	736	24	731
9	735	25	727
10	738	26	722
11	736	27	696
12	732	28	694
13	89	29	697
14	635	30	694
15	681	31	698
16	723		

(9777)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 9-2-82
 COMPLETED BY B.A. Eazzetta
 TELEPHONE (912) 367-7891

REPORT MONTH August

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-50	820802	F	38	A	5	N/A	CH	Heater	Load reduction due to problems in 5th stage F.W. Heater B.
82-51	820806	S	2.5	B	5	N/A	HA	Turbine	Weekly Turbine Test and Rod Pattern adjustment.
82-52	820813	F	15.4	A	3	N/A	CC	ZZZZZ	Rx scram due to moisture separator high level A and B
82-53	820813	F	32.0	B	5	N/A	CC	ZZZZZ	Ramp from above scram
82-54	820815	S	4.6	B	5	N/A	RC	CONROD	Load reduction due to Rod pattern adjustment.
82-55	820817	S	1.9	B	5	N/A	CC	VALVEX	Load reduction due to C.V. fast closure test.
82-56	820821	S	3.5	B	5	N/A	HA	TURBINE	Weekly turbine test

¹ F: Forced
S: Scheduled

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

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Continuations
5-Load Reduction
9-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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-321
 UNIT NAME Hatch 1
 DATE 9-2-82
 COMPLETED BY B.A. Fazzetta
 TELEPHONE (912) 367-7851

REPORT MONTH August

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-57	820827	S	2.4	B	5		HA	TURBINE	Weekly Turbine Test.

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-Operational Error (Explain)
 H-Other (Explain)

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UNIT 1 NARRATIVE REPORT

<u>DATE</u>	<u>UNIT 1</u>
August 2	Load reduction due to problems in 5th stage F.W. Heater B at 0045 hours.
August 6	Power reduction to perform weekly turbine test at 2300 hours.
August 7	Weekly turbine test complete at 0225 hours.
August 13	Rx scram due to high level in moisture seperator A and B at 0026 hours.
August 13	Rx critical at 1400 hours, Rx on line at 1553 hours.
August 15	Power reduction due to rod pattern adjustment at 1926 hours.
August 15	Rod pattern adjustment complete at 2400 hours
August 17	Power reduction due to C.V. fast closure test at 2200 hours
August 17	C.V. fast closure test complete at 2354 hours.
August 21	Power reduction due to weekly turbine test at 2336 hours.
August 22	Weekly turbine test complete at 0305 hours.
August 26	Power reduction due to problems with C.V. #4 at 2154 hours.
August 27	Power reduction due to weekly turbine test at 2322 hours.
August 28	Weekly turbine test complete at 0145 hours.

OPERATING DATA REPORT

PLANT NO 50-366
 COMPLETED BY
 TELEPHONE (913) 847-781 X 203

OPERATING STATUS
 1. Unit Name: J. Hatch Nuclear Plant Unit 2
 2. Reporting Period: 08-03
 3. Licensed Thermal Capacity: 2428
 4. License Plate Rating Capacity: 2428
 5. Net Electric Capacity: 784.0
 6. Maximum Dependable Capacity (MDC) (Net MW): 784.0
 7. Maximum Dependable Capacity (Net MW): 784.0
 8. Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report: Give Reasons:

9. Power Level to Which Restricting, if Any (Net MW):
 10. Reasons for Restrictions, if Any:

	This Month	1-10-Date	Cumulative
11. Days in Reporting Period	744	1971	26200
12. Number of Hours Reactor Was Critical	313.0	313.0	18433.7
13. Reactor Availability (Hours)	0.0	0.0	0.0
14. Reactor Generator Output	466.7	2909.5	17555.9
15. Net Electric Energy Generated (MWH)	0.0	0.0	0.0
16. Gross Electric Energy Generated (MWH)	585108	585108	3769068
17. Net Electric Energy Generated (MWH)	32433	190576	1702270
18. Net Electric Energy Generated (MWH)	30648	180184	1192782
19. Unit Availability Factor	62.5	48.0	66.2
20. Unit Dependable Factor	53.7	49.7	65.7
21. Unit Capacity Factor (Using MDC Net)	53.4	40.1	57.8
22. Unit Capacity Factor (Using Net)	52.5	38.4	56.9
23. Unit Forced Outage Rate	37.2	53.0	33.8
24. Restrictions Imposed Over Next 3 Months (Type, Date, and Duration of Each):			

25. If Space Available, Report Period, Estimated Date of Start-up
 26. Unit to Test Status Prior to Commercial Operations
 27. Unit to Test Status Prior to Commercial Operations

UNITING CAPACITY
 UNIT TECHNOLOGY
 OPERATIONAL OPERATIONS

AVERAGE DAILY UNIT POWER LEVEL

TICKET NO. 50-386
 DATE 09-10-82
 COMPL. BY BEN LAZZETTA
 TELEPHONE NO. 317-7781 X 203

UNIT 02-R2

DAY	AVERAGE DAILY POWER LEVEL (RRP-Net)	DAY	AVERAGE DAILY POWER LEVEL (RRP-Net)
1	-12	17	770
2	-8	18	775
3	-6	19	
4	-9	20	771
5	-13	21	752
6	-14	22	768
7	-13	23	789
8	-15	24	
9	275	25	145
10	671	26	-14
11	755	27	-12
12	744	28	27
13	719	29	56
14	503	30	501
15	647	31	565
16	725		

(8/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 9-2-82
 COMPLETED BY B.A. Eazzetta
 TELEPHONE (912) 367-7851

X-2203

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-36	820801	F	192.6	A	4	2-82-79	EL	GENERA	Rx scram to repair 2C Diesel Generator.
82-37	820809	F	29.8	A	5	2-82-79	EE	GENERA	Ramp from above shutdown.
82-38	820813	S	5.5	H	5	N/A	RC	CONRAD	Load reduction due to rod pattern adjustment.
82-39	820814	S	44.6	H	5	N/A	RC	CONROD	Ramp from above reduction.
82-40	820820	S	5.9	B	5	N/A	HA	TURBINE	Weekly turbine test
82-41	820825	F	84.7	A	3	2-82-90	CD	VALVEX	Rx scram on Group I Isolation caused by high steam flow.
82-42	820828	F	16.5	A	5	N/A	CD	VALVEX	Ramp from above scram.
82-43	820829	F	3.7	A	5	N/A	CD	VALVEX	Reducing power to isolate "C" main steam line due to MSIV

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

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 Method:
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-366
 UNIT NAME Hatch 2
 DATE 9-2-82
 COMPLETED BY B.A. Eazzetta
 TELEPHONE (912) 367-7891

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-43 82-44	cont. 820829	F	58.9	A	5	N/A	CD	VALVEX	Problems. Power ramp to 75% from above reduction.

¹
F: Forced
S: Scheduled

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

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 Method:
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UNIT 2 NARRATIVE REPORT

<u>DATE</u>	<u>UNIT 2</u>
August 1	Rx scrambled due to previous diesel generator problems on July 30th.
August 8	Rx critical at 0415 hours.
August 8	Rods back in due to over compliance at 4500 hours.
August 9	Rx tied to line at 0034 hours.
August 13	Power reduced to perform rod pattern adjustments at 2107 hours.
August 14	Rod pattern adjustments complete at 0319 hours.
August 20	Power reduced to perform weekly turbine test at 2334 hours.
August 21	Weekly turbine test complete at 0400 hours.
August 25	Rx scram due to MSIV closure at 0417 hours.
August 27	Rx critical at 2023 hours.
August 28	Generator on line at 1700 hours.
August 29	Power reduction to isolate "C" main steam line at 0930 hours.
August 29	Power ramp to 75% holding due to above reduction at 1309 hours.

HATCH 2 SAFETY RELATED MAINTENANCE REQUESTS
TO BE REPORTED FOR MARCH 1982

<u>Number</u>	<u>Date Complete</u>	<u>Description</u>
82-3352	7-29-82	The LPC inverted room cooling system switches and indicating lights were installed. (Per DCR 78-68)
82-3299	7-27-82	The D/W Pneumatic system piping was painted. (Per DCR 80-17)