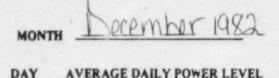
## OPERATING DATA REPORT

EN 196

OPERATING STATUS		COMPLET	DATE 01-07-1	
1. Unit Name: Z !OA LIAIT I   2. Reporting Period: 000 82 12 01 20 2   3. Licensed Thermal Power (MWt): 32.50   4. Nameplate Rating (Gross MWe): 1085   5. Design Electrical Rating (Net MWe): 104   6. Maximum Dependable Capacity (Gross MWe): 1   7. Maximum Dependable Capacity (Net MWe): 1	Notes			
8. If Changes Occur in Capacity Ratings (Items Nur NA 9. Power Level To Which Restricted, If Any (Net M 10. Reasons For Restrictions, If Any:	(We): NA	* Last Report, Give Re	easons:	
	This Month	Yrto-Date	Since Commercia Operation 12-31-7 Cumulative	
11. House In December D. J. J.	744	8760	10 012	
11. Hours In Reporting Period 12. Number Of Hours Reactor Was Critical		4,574.9	55, 531.5	
13. Resctor Reserve Shutdown Hours	0		2621.	
14. Hours Generator On-Line	744	5,175.2	54,726.	
15. Unit Reserve Shutdown Hours	0	0		
16. Gross Thermal Energy Generated (MWH)	1,870,164	15,187,754	156,553,40	
17. Gross Electrical Energy Generated (MWH)	606,425	4,946,677	50, 472, 47	
18. Net Electrical Energy Gene ated (MWH)	575,352	4,695,388	47, 887,12	
19. Unit Service Factor	100	59.0	69.4	
20. Unit Availability Factor	100	59.0	69.4	
21. Unit Capacity Factor (Using MDC Net)	74.4	51.5	58.4	
22. Unit Capacity Factor (Using DER Net)	74.4	51.5	58.4	
23. Unit Forced Outage Rate	0	24.8	14.1	
24. Shutdowns Scheduled Over Next 6 Months (Type N/A	, Date, and Duration of	(Each):		
25. If Shut Down At End Of Report Period, Estimate	d Date of Startun:	NA		
26. Units In Test Status (Prior to Commercial Operation		Forecast	Achieved	
INITIAL CRITICALITY	1			
INITIAL ELECTRICITY	N/A			
1110561 830107 OPERATION				
ADOCK 05000295				
PDR				
Net generation by unit is sub			(9/77	

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50.295
UNIT	LICA Unit 1
DATE	01-07-83
COMPLETED BY	Cierri Hustin
TELEPHONE	312-746-2084
	ext. 346



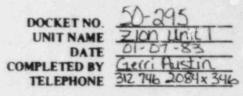
DAT	(MWe-Net)
1	
2	799
3	799
4	808
5	806
6	802
7	802
8	802
9	801
10	802
11	809
	808
12	804
13	
14	802
15	801
16	800

DAY	AVERAGE DAILY POV/ER LEVEL (MWe-Net)
17	802
18	792
19	780
29	747
21	801
22	801
23	806
24	769
25	448
26	450
-	755
27	794
23	793
29	794
30	789
31	101

## 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.

UNIT SHUTDOWNS AND POWER REDUCTIONS



REPORT MONTH	Lecember 1982
--------------	---------------

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Coxle <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
11	821224	5	N/A	H	5	N/A	Ŋ/A	N/A	System River Lemand required to reduce Weekend Lond.
F: Fo S: Sc 9/77)	brced heduled	B-Ma C-Re D-Re E-Op F-Ad G-Op	uipment Fa intenance of feeling galatory Re	or Test estriction ning & L e rror (Ex	n Joense Exan	nination	3-Auto		4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161) 5 Exhibit I - Same Source

# OPERATING DATA REPORT

		DOCK COMPLET TELEF	DATE 61- 07- 83
OPERATING STATUS			
0.000	0 82 12 31	Notes	
4. Nameplate Rating (Gross MWe):	the second se		
The second states as a second to the second states in the second states and the second states as a second state of the secon	085		
7. Maximum Dependable Capacity (Net MWe):	1040		
8. If Changes Occur in Capacity Ratings (Items Num	ber 3 Through 7) Sin	ce Last Report. Give R	easons:
9. Power Level To Which Restricted, If Any (Net M 10. Reasons For Restrictions, If Any:	NYA We): AVA		
	This Month	Yrto-Date	Since Commercia OPeration 9-17.7 Cumulative
11. Hours In Reporting Period	744	8.712	72.125
2. Number Of Hours Reactor Was Critical	699.3	63425	52,1.831
13. Reactor Reserve Shutdown Hours	D	- Constant	22/000.0
4. Hours Generator On-Line	694.2	6.D79.8	51,119 8
5. Unit Reserve Shutdown Hours	0	0	
6. Gross Thermal Energy Generated (MWH)	2,191,706	17,071,585	144,896,737
7. Gross Electrical Energy Generated (MWH)	691,333	5,446,398	46,244,158
8. Net Electrical Energy Generated (MWH)	664,507	5/158/063	43,894,980
9. Unit Service Factor	93.3	69.4	70.4
0. Unit Availability Factor	93.3	69.4	70.4
1. Un't Capacity Factor (Using MDC Net)	85.9	56.6	58.1
2. Unit Capacity Factor (Using DER Net)	85.9	56.6	58.1
3. Unit Forced Outage Rate	6.7	30.6	
4. Shutdowns Scheduled Over Next 6 Months (Type, February 1983 is the Next Sch	Date, and Duration o reducid refuel	f Each): ing Outage	
5. If Shut Down At End Of Report Period, Estimated	Date of Startup:	N/A	
6. Units In Test Status (Prior to Commercial Operation	on):	Forecast	Achieved
INITIAL CRITICALITY			
INITIAL ELECTRICITY	N/F		
COMMERCIAL OPERATION	10/1	· · · · · · · · · · · · · · · · · · ·	
Not accomplian by will in a l'	1		
* Net generation by unit is subje	It to round off	error.	(9/77)

#### AVERAGE DAILY UNIT POWER LEVEL

1

DOCKET NO.	50-2/21
UNIT	Lion Unit 2
DATE	01-07-83
COMPLETED BY	Gerri Huslin
TELEPHONE	312-746-2084
	ext 346

MONTH December 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	987
2	
3	- 19
4	279
5	944
6	988
7	986
8	983
9	985
10	984
11	989
	992
12	990
13	770
14	<u>772</u>
15	989
16	985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	981
18	981
19	981
20	982
21	981
22	902
23	
24	979
25	980
26	985
27	98.3
28	981
29	984
30	984
31	986

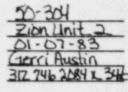
## INSTRUCTIONS

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.

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. UNIT NAME ZIC DATE . COMPLETED BY



		1				REPORT MONT	H Lecem	ber 1982	COMPLETED BY CARTCI Austin TELEPHONE 312.746 2084 X.3
No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
19	12 02 82	F	42.3	H	3	N/A	N/A	nyla	Reactor This due to an Electrical disturbance.
<i>AD</i>	120482	F	2.4	A	3	N/A	N/A	N/A	Tuebine Trip/Reactor Trip due to Feedwater Control Problems.
F: Fo	rced	Reas	on: uipment Fa				3 Method 1-Manu		4 Exhibit G - Instructions for Preparation of Data

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)

4-Other (Explain)

2-Manual Scram. 3-Automatic Scram. for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5

Exhibit I - Same Source

(9/77)

### SUMMARY OF OPERATING EXPERIENCE

#### UNIT 1

The Unit entered the reporting period at a Power Level of 844.8 MWe (80.1% reactor power). On December 24th at 2000 hours System Power demand required to reduce load for the holiday weekend. The Unit remained on-line the entire reporting period ending with a Power Level of 850 MWe (reactor power 80%) and availability factor 100%.

## UNIT 2

The Unit entered the reporting period at a Power Level of 1012.8 MWe (99.6% reactor power). On December 2rd at 0308 hours, the reactor tripped due to an electrical disturbance and on December 3rd, at 2125 hours the reactor was made critical. December 4th at 0015 hours the Unit was synchronized to the grid, at 0140 hours turbine trip/reactor tripped due to feedwater control problems and 0405 hour the unit was made critical. On the same day, December 4 at 0620, the Unit was synchronized to the grid. The unit remained on-line the remainder of the month, ending with a Power Level of 1017 MWe (reactor power 99%) and having an availability factor of 93.3%.

# DECEMBER MAJOR SAFETY RELATED MAINTENANCE

Equipment Name

.

Work Done

Unit 1 Loop C Tavg & &T Instrument Replace RTD 208

### REFUELING INFORMATION REQUEST

#### Questions:

- 1. Name of facility.
- 2. Scheduled date for next refueling shutdown.
- 3. Scheduled date for restart following refueling.
- 4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If answer is yes, what, in general, will these be?

If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

If no such review has taken place, when is it scheduled?

- 5. Scheduled date (s) for submitting proposed licensing action and supporting information.
- Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.
- The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
- The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
- The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

#### Unit 1 - Answers

- 1. Zion Unit 1
- 2. September 4, 1983 is the scheduled start date for the next refueling outage.
- 3. January 15, 1984 is the scheduled date of initial criticality following refueling.
- The transition to the use of optimized fuel is currently planned to start in Cycle VIII. Some Technical Specification changes and license ammendments will be required.
- 5. Submittal of transition related changes is currently scheduled for completion by April, 1983. Cycle specific changes, if required, are scheduled for completion by July, 1983.
- 6. See 4 and 5.
- 7. The number of fuel assemblies
  - a) in the core is 193, and
  - b) in the spent ruel storage pool which have been discharged by Zion Unit 1 is 363. One spent assy. has been shipped off-site for testing.
- 8. The present licensed spent fuel pool storage capacity (shared with Zion Unit 2) is 2112 fuel assemblies. The installation of the new storage racks has been completed.
- 9. October, 1992, is the projected date of the last Zion Unit 1 refueling, which can be discharged to the spent fuel pool assuming the present licensed capacity.

#### Unit 2 - Answers

- 1. Zion Unit 2
- 2. February, 1983, is the scheduled date for the next refueling outage.
- 3. April, 1983, is the scheduled date for initial criticality following refueling.
- 4. The reload fuel design and core configuration has not undergone On-Site and Off-Site Review. However, no Technical Specification changes or license amendments are anticipated. The On-Site and Off-Site Review of the Cycle VII fuel design and core configuration is currently scheduled for completion by December, 1982.
- 5. No Technical Specification changes or license amendments were identified.
- 6. No important licensing considerations are anticipated with this refueling.
- 7. The number of fuel assemblies
  - a) in the core is 193, and
  - b) in the spent fuel storage pool which have been discharged by Zion Unit 2 is 316.
- The present licensed spent fuel pool storage capacity (shared with Zion Unit 1) is 2112 fuel assemblies. The installation of the new storage racks has been completed.
- October, 1992, is the projected date of the last Zion Unit 2 refueling, which can be discharged to the spent fuel pool assuming the present licensed capacity.