OPERATING DATA REPORT

DOCKET NO. 50-295
DATE 6.8.79
COMPLETED BY J.Jeffers
TELEPHONE 312-746-2084 EXT.363

otes			
Notes nce Last Report, Give Reasons:			
Yrto-Date 3623 3364.9 0 3322.4 0 10,395,807 3,461,870 3,301,965 91.7	17.471 34.425.5 2621.8 33,443.9 92,131,765 29,870,465 28,249,043 70.5 57.2		
87.6 8.3	57. a 10.8		
	Yrto-Date 3623 3364.9 0 3322.4 0 10,395,807 3,461,870 3,301,965 91.7 91.7 87.6		

AVERAGE DAILY UNIT POWER LEVEL

DAY	AVERAGE DAILY POWER LEVEL (MWc-Net)
17	1033
18	1031
19	1038
20	1019
21	1025
22	1044
23	533
24	251
25	961
26	1037
27	1019
28	989
29	1034
30	1026
31	1031
	18 19 20 21 22 23 24 25 26 27 28 29 30

2284 245

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.

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1979

DOCKET NO. _50-295 UNITNAME ZION UNIT DATE _6-8-79 COMPLETED BY J. Jeffers TELEPHONE 3/2-746-2084 EXT. 363

No.	Date	Typel	Duration (Hours)	Reason?	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code4	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
13	790523	F	25.7	6	3)	79-042	SF	222323	Safety Injection And reactor trip. Occurred During Surveillance Testing ove to A spurious signal.

F: Forced

S: Scheduled

A-Equipment Failure (Explain)

B-Maintenance of Test

∞ C-Refueling

D-Regulatory Restriction

E-Operator Training & License Examination

N F-Administrative

→ G-Operational Error (Explain)

O 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 (LER) File (NUREG-0161)

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Exhibit 1 - Same Source

OPERATING" . TA REPORT

DOCKET NO. SO-30 Y
DATE 6-8-79
COMPLETED BY J. Jeffe's
TELEPHONE 3/3-246-3084 Ex7.363

	OPERATING STATUS				
2. 3. 4. 5. 6. 7.	Unit Name: 2 ion Unit 2 Reporting Period: 0001 790501 to 2 Licensed Thermal Power (MWt): 32 Nameplate Rating (Gross MWe): 10 Design Electrical Rating (Net MWe): 1 Maximum Dependable Capacity (Gross MWe): 1 Maximum Dependable Capacity (Net MWe): 1 In Changes Occur in Capacity Ratings (Items Nur	Notes ce Last Report, Give Reasons:			
	Power Level To Which Restricted, If Any (Net M Reasons For Restrictions, If Any:				
		This Month	Yrto-Date	since commercial peration 9-14-74 Cumulative	
11.	Hours In Reporting Period	744	3,623	41,184	
	Number Of Hours Reactor Was Critical	737.5	2590.3	30,167.4	
	Reactor Reserve Shutdown Hours	0	0	226.1	
	Hours Generator On-Line	735.3	2,494.1	29,423.3	
15.	Unit Reserve Shutdown Hours	0	0	0	
16.	Gross Thermal Energy Generated (MWH)	2,027,610	_5,930,535	83, 140, 705	
17.	Gross Electrical Energy Generated (MWH)	669,610	1,914,205	26,601,105	
18.	Net Electrical Energy Generated (MWH)	636,818	1,796,881	25, 238, 343	
19.	Unit Service Factor	98.8	68.8	71.4	
	Unit Availability Factor	98.8	68.8	51.4	
	Unit Capacity Factor (Using MDC Net)	82.3	47.7	58.9	
	Unit Capacity Factor (Using DER Net)	82.3	47.7	15.2	
	Unit Forced Outage Rate		6.6	10.0	
24.	Shutdowns Scheduled Over Next 6 Months (Typ	e, Date, and Duration	of Each):		
		1/A			
25.	If Shut Down At End Of Report Period, Estimat	ted Date of Startup:	N/A		
	Units In Test Status (Prior to Commercial Opera		Forecast	Achieved	
	INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION	λ	V/A		

POOR ORIGINAL

2284 247 (9,77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50.304 UNIT Zion Unita DATE 6.8.79 COMPLETED BY J. Jeffers TELEPHONE 312 - 246 - 2084 EXT. 363

May 1979

AVERAGE DAILY POWER LEVER (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
870	. 17	79.5
879	18	6.39
885	. 19	904
882	. 20	883
886	. 21	889
884	. 22	928
907	. 23	865
493	. 24	905
886	. 25	880
. 882	. 26	910
792	. 27	896
864	. 28	767
873	29	906
865	. 30	826
888	31	902
903		

2284 248

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 May 1979

50-304 DOCKET NO. Zion Unita UNIT NAME DATE -COMPLETED BY _J.Jeffers TELEPHONE 312-246-2084 EXT.363

No.	Date	Type1	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
7	790508	14	8.8	H	3	N/A	NA	NA	Reactor trip occurred from low level in 2A steam Generator in coincidence with steam flow/ feed flow mismatch due to a loss of the 2B main feedwater pump.

84

249

F: Forced S: Scheduled 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)

3 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 (LER) File (NUREG-0161"

Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

UNIT 1

The unit entered the reporting period at a power level of 1068 MWe (100% reactor power). The unit remained on-line until May 23 at 1328 hours when a Safety Injection occurred during surveillance testing due to a spurious signal. At 0945 hours, on May 24 the reactor was made critical. At 1510 hours, the unit was synchronized to the grid. The unit remained on-line for the remainder of the month. The unit ended the reporting period on-line at a power level of 1070 MWe (100% reactor power).

UNIT 2

The unit entered the month at a power level of 906 MWe (84% reactor power). On May 8 at 0814 hours, a reactor trip occurred from low level in 2A steam generator in coincidence with feed flow/steam flow mismatch due to a loss of the 2B main feedwater pump. At 1445 hours, the reactor was made critical and was synchronized to the grid at 1705 hours. The unit remained on-line for the remainder of the month and ended the reporting period at a power level of 965 MWe (89% reactor power).

2284 250

MAY MAJOR SAFETY RELATED MAINTENANCE

Equipment Name

"0" Diesel Generator

Loop B MSIV Hydraulic Operating Unit

2B RHR Pump

2A RHR Pump

Ul Safeguard Actuation Relay Logics

U2 Safeguard Actuation Relay Logics

Work Done

Pepaired and Reinstalled Air Valve

. Replaced Valve and Solenoid with New Unit

Replaced Seal and Shaft Sleeve

Replaced Seal

Modified Wiring of Logic in Safeguards to Eliminate Pressurizer Level Safety Injection

Modified Wiring of Logic in Safeguards to Eliminate Pressurizer Level Safety Injection

2284 251

REFUELING INFORMATION REQUEST

Questions:

- 1. Name of facility.
- 3. 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.
- 6. 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.
- 7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
- 8. 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.
- 9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

POOR ORIGINAL

2284 252

Unit 1 - Answers

- Zion Unit 1.
- September 21, 1979 is the scheduled date for the next 2. refueling shutdown.
- November 1, 1979 is the scheduled date for initial 3. criticality following refueling.
- No Technical Specification changes or other license amendments are anticipated. The reload fuel design and core configuration will undergo On-Site and Off-Site Review to determine whether any unreviewed safety questions are associated with the core reload during the period between June 13, 1979 and July 13, 1979.
- If unreviewed safety questions arise from the review in 4 above, then July 13, 1979 would be the scheduled date for submitting a Reload Safety Evaluation Report on Zion Unit 1, Cycle 5.
- No important licensing considerations are anticipated 6. with this refueling.
- 7. The number of fuel assemblies
 - (a) in the core is 193, and
 - in the spent fuel storage pool which have been discharged from Zion Unit 1 is 180.
- The present licensed spent fuel pool storage capacity (shared with Zion Unit 2) is 868 fuel assemblies. An 8. increase in storage capacity to 2112 fuel assemblies is planned.
- September 1982 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.

2284 253

RORGINAL

Unit 2 - Answers

- 1. Zion Unit 2
- 2. March 9, 1980 is the scheduled date for the next refueling shutdown.
- 3. April 20, 1980 is the scheduled date for initial criticality following refueling.
- 4. No Technical Specification changes or other license amendments are anticipated. The reload fuel design and core configuration for Cycle V has not undergone on-site and off-site review.
- 5. If unreviewed safety questions arise from the review in 4 above, then January 10, 1980 would be the scheduled date for submitting a Reload Safety Evaluation Report on Zion Unit 2 cycles.
- 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 188.
- 8. The present licensed spent fuel pool storage capacity (shared with Zion Unit 1) is 868 fuel assemblies. An increase in storage capacity to 2112 fuel assemblies is planned.
- 9. March, 1982 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.

2284 254

POOR ORIGINAL