Entergy Operations

Entergy Operations, Inc.
Route 3 Box 137G
Russellville AR 72801
Tel 501-964-3100

March 15, 1994

1CAN039403

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report (MOR) for February, 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Dwight C. Mims
Director, Licensing

DCM/jrh
Attachment

JE24 1/1

cc: Mr. Leonard J. Callan
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Arkansas Nuclear One - ANO-1 & 2
Number 1, Nuclear Plant Road
Russellville, AR 72801

Mr. George Kalman
NRR Project Manager, Region IV/ANO-1
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. Thomas W. Alexion
NRR Project Manager, Region IV/ANO-2
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

OPERATING DATA REPORT

DOCKET NO: 50-313
DATE: March 1, 1994
COMPLETED BY: K. R. Hayes
TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: February 1-28, 1994
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 902.74
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836
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): None
10. Reasons For Restrictions. If Any: None

		MONTH	YR-TO-DATE	CUMULATIVE
11.	Hours in Reporting Period	672.0	1416.0	168283.0
12.	Number of Hours Reactor was Critical	647.5	1391.5	121989.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	5044.0
14.	Hours Generator On-Line	641.7	1385.7	119729.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated (MWH)	1635270	3544960	275595523
17.	Gross Electrical Energy Generated (MWH)	560260	1215935	92008970
18.	Net Electrical Energy Generated (MWH)	536281	1165269	87492405
19.	Unit Service Factor	95.5	97.9	71.1
20.	Unit Availability Factor	95.5	97.9	71.6
21.	Unit Capacity Factor (Using MDC Net)	95.5	98.4	62.2
22.	Unit Capacity Factor (Using DEC Net)	93.9	96.8	61.2
23.	Unit Forced Outage Rate	4.5	2.1	11.1

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		08/06/74
INITIAL ELECTRICITY		08/17/74
COMMERCIAL OPERATION		12/19/74

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-313
UNIT:	One
DATE:	March 1, 1994
COMPLETED BY:	K. R. Hayes
TELEPHONE:	(501) 964-5535

MONTH February, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	363
2	35
3	827
4	844
5	843
6	846
7	846
8	846
9	846
10	845
11	845
12	845
13	845
14	845
15	845
16	846
17	845
18	845
19	845
20	845
21	846
22	845
23	845
24	840
25	841
26	845
27	845
28	845
29	#N/A
30	#N/A
31	#N/A
AVGS:	798

INSTRUCTION

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR February, 1994

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	March 1, 1994
COMPLETED BY	K. R. Hayes
TELEPHONE	501-964-5535

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSEE EVENT REPORT #	SYSTEM CODE[4]	COMPENENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-01	940201	F	30.3	A	1	94-001	JE	LT	Unit taken off-line to repair a Steam Generator level transmitter and an excore nuclear instrumentation sensor.

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

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

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

FEBRUARY 1994

UNIT ONE

Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the First at 09:05 hours, the unit began a power decrease to hot shutdown to repair a steam generator level transmitter and an excore nuclear instrumentation sensor. The unit went off line at 12:43 hours on the first. The steam generator level transmitter was replaced and the excore instrument was repaired. The unit was put back on line at 19:00 hours on the second. Full unit load was reached at 02:20 hours on the third.

On the twenty fourth at 09:25 hours, the unit load was decreased to 98% power to allow isolation of a condenser waterbox for tube leakage repair. The unit was returned to 100% power at 11:50 hours on the same day. Unit 1 operated at full power for the remainder of the month.

DATE: February, 1994

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1

2. Scheduled date for next refueling shutdown. February 14, 1995

3. Scheduled date for restart following refueling. April 7, 1995

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 there 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)?

   Unknown at this time.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

   Unknown at this time.

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.

   a) 177 b) 685

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.

   present 968 increase size by 0

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

   DATE: 1996 (Loss of full core off-load capability)

1

IMAGE EVALUATION TEST TARGET (MT-3)