AmerGen
A PECO Energy/British Energy Company

Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Phone: 217 935-8881

U-603381
8E.100c
June 15, 2000

Docket No. 50-461

10CFR50.36

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Clinton Power Station, Unit 1
Facility Operating License NPF-62
May 2000 Monthly Operating Report

Dear Madam or Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending May 31, 2000.

Sincerely yours,

Michael A. Reandeau
Director-Licensing

MJS/blf

Attachments

cc: NRC Region III Regional Administrator
Illinois Department of Nuclear Safety
NRC Resident Office, V-690
Resident IDNS Inspector, T-31Z

NRR 063

IE24

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month May 2000

18 (see attached CPS 3831.01D002, ACTUATION LOG)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-461
UNIT	Clinton 1
DATE	05/31/00
COMPLETED BY	M. J. Sloan
TELEPHONE	(217)935-8881-X3280

MONTH May 2000

1	871	17	398
2	935	18	0
3	935	19	0
4	933	20	0
5	932	21	0
6	933	22	0
7	930	23	0
8	929	24	137
9	929	25	623
10	931	26	903
11	931	27	931
12	929	28	932
13	932	29	934
14	929	30	930
15	931	31	930
16	931		

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 05/31/00

COMPLETED BY M. J. Sloan

TELEPHONE (217)935-8881-X3280

OPERATING STATUS

1. REPORTING PERIOD: May 2000 GROSS HOURS IN REPORT PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2894
MAX. DEPEND. CAPACITY (MDC) (MWe-Net): 930
DESIGN ELECTRICAL RATING (MWe-NET): 933

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None

4. REASONS FOR RESTRICTION (IF ANY): N/A

		THIS MONTH	YR TO DATE	CUMULATIVE
5.	NUMBER OF HOURS REACTOR WAS CRITICAL	621.8	3,524.8	67,998.9
6.	REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
7.	HOURS GENERATOR ON LINE	575.3	3,478.3	66,151.0
8.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	4.0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	1,652,072	9,978,188	179,346,276.6
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	539,175	3,343,271.5	59,373,064
11.	NET ELECTRICAL ENERGY GENERATED (MWH)	517,366	3,214,491	56,615,844
12.	REACTOR SERVICE FACTOR	83.5%	96.6%	61.9%
13.	REACTOR AVAILABILITY FACTOR	83.5%	96.6%	61.9%
14.	UNIT SERVICE FACTOR	83.5%	95.3%	60.2%
15.	UNIT AVAILABILITY FACTOR	77.3%	95.3%	60.2%
16.	UNIT CAPACITY FACTOR (Using MDC)	74.8%	94.8%	55.5%
17.	UNIT CAPACITY FACTOR (Using Design MWe)	74.5%	94.5%	55.3%
18.	UNIT FORCED OUTAGE RATE	22.7%	4.6%	8.2%

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):

RF-7 Refueling Outage 7 (scheduled October 15, 2000) with a 30 day window.

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461

UNIT Clinton 1

DATE 05/31/00

COMPLETED BY M. J. Sloan

REPORT MONTH May 2000

NO.	DATE	F: S:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	00/05/01		S	NA	B	4	RECOVERY OF CONTROL ROD 36-49 OPERATION OF MISLABELED TEST SWITCH DURING PREVENTIVE MAINTENANCE ACTIVITY CAUSED A LOSS OF BUS VOLTAGE AND SUBSEQUENT RPV LEVEL TRANSIENT.
	00/05/17		F	168.7	G	2	

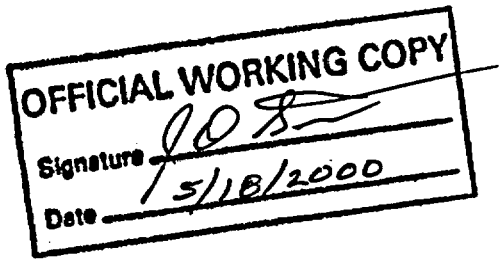
(1) Reason
A - Equipment Failure (explain), B - Maintenance or Test, C - Refueling, D - Regulatory Restriction
E - Operator training & License Examination, F - Administrative, G - Operational Error (explain)

(2) Method
1 - Manual, 2 - Manual Scram, 3 - Automatic Scram, 4 - Other (explain)

ACTUATION LOG

SCOPE OF REVISION:

- Updated format.



ROUTINE USE

ORIGINATOR: *Brant Chambers*

CLASS CODE: *NNNN1*

APPROVAL DATE: *SEP 28 1998*

	CHANGE NO.	*DATE*	*PAGES*
1			
2			
3			
4			
5			

CPS No. 3831.01D002

Plant Docket No. 50-461
ACTUATION LOG

NOTE
Includes all IN-SERVICE tests.

302.	Equipment Identification Number (EIN)	1B21F041G	1B21 F041F	1B21 F051D	1B21 F051C	1B21 F047F
303.	Date of Actuation (MM/DD/YY)	5/17/00	5/17/00	5/17/00	5/17/00	5/17/00
304.	Time of Day (24 Hour Clock)	1040	1105	1134	1232	1314
305.	Type of Actuation (Code - Appendix A)	B	B	B	B	B
306.	Cause/Reason for Actuation (Code - Appendix A)	E	E	E	E	E
307.	Rx Operating Condition Prior to Lift (Code - Appendix A)	G	G	G	G	G
308.	Rx Power Level Prior to Lift (% Rated Thermal)	0	0	0	0	0
309.	Time for Tailpipe Temperature to Return to Normal	Note ①	Note ②	19hr32min	19hr30min	17hr2min
310.	Other Instrumentation - Number Reading and Units	N/A	N/A	N/A	N/A	N/A
311.	Rx Pressure Prior to Actuation	801	850	801	933	694
	IF AVAILABLE/IF APPLICABLE (See Step 8.1.2 and accompanying NOTE.)					
312.	Reseat Pressure at Valve Closure (PSIG)	605	513	448	430	381
313.	Duration of this Actuation (Minutes: Seconds)	3:23	6:24	7:37	8:17	6:20
314.	Failure, Reports (Code - Appendix A)	B	B	B	B	B
315.	LER Number (5 Digit Number)	2000-001 N/A	2000-001 N/A	2000-001 N/A	2000-001 N/A	2000-001 N/A
316.	Comment Sheet Regarding This Actuation Attached? (Yes or No)	No	No	No	No	No

Completed By Robert Powers (Signature) 6-1-00 (Date)

REVIEW AND APPROVAL

Shift Supervision [signature] (Signature) 6-4-00 (Date)

Note ① SRV lifted again prior to reaching normal temperature it took 13hr 20min to reach 42°F above normal then the SRV was cycled again

Note ② SRV lifted again prior to reaching normal temperature it took 13hr 32min to reach 27°F above normal then the SRV was cycled again

CPS No. 3831.01D002

Plant Docket No. 50-461
ACTUATION LOG

NOTE
Includes all IN-SERVICE tests.

302.	Equipment Identification Number (EIN)	1B21 F047A	1B21 F041C	1B21 F041D	1B21 F047C	1B21 F047B
303.	Date of Actuation (MM/DD/YY)	5/17/00	5/17/00	5/17/00	5/17/00	5/17/00
304.	Time of Day (24 Hour Clock)	1345	1421	1512	1607	1644
305.	Type of Actuation (Code - Appendix A)	B	B	B	B	B
306.	Cause/Reason for Actuation (Code - Appendix A)	E	E	E	E	E
307.	Rx Operating Condition Prior to Lift (Code - Appendix A)	G1	G1	G1	G1	G1
308.	Rx Power Level Prior to Lift (% Rated Thermal)	0	0	0	0	0
309.	Time for Tailpipe Temperature to Return to Normal	16hr 9min	~~22hr 22min~~ 16hr 22min	~~21hr 34min~~ 16hr 34min	~~16:23~~ 15:23	17:16
310.	Other Instrumentation - Number Reading and Units	NA	NA	NA	NA	NA
311.	Rx Pressure Prior to Actuation	550	645	510	495	363
	IF AVAILABLE/IF APPLICABLE (See Step 8.1.2 and accompanying NOTE.)					
312.	Reseat Pressure at Valve Closure (PSIG)	424	375	317	246	258
313.	Duration of this Actuation (Minutes: Seconds)	4:56	6:25	9:19	9:01	8:09
314.	Failure, Reports (Code - Appendix A)	B	B	B	B	B
315.	LER Number (5 Digit Number)	~~2000-001~~ N/A	~~2000-001~~ N/A	~~2000-001~~ N/A	~~2000-001~~ N/A	~~2000-001~~ N/A
316.	Comment Sheet Regarding This Actuation Attached? (Yes or No)	No	No	No	No	No

Completed By _____ 6-1-00
Signature Date

REVIEW AND APPROVAL

Shift Supervision _____ 6-4-00
Signature Date

CPS No. 3831.01D002

Plant Docket No. 50-461

ACTUATION LOG

NOTE

Includes all IN-SERVICE tests.

302.	Equipment Identification Number (EIN)	1B21 F041L	1B21 F041B	1B21 F047D	1B21 F051G	1B21 F051B
303.	Date of Actuation (MM/DD/YY)	5/17/00	5/17/00	5/17/00	5/17/00	5/17/00
304.	Time of Day (24 Hour Clock)	1726	1753	1844	2012	2150
305.	Type of Actuation (Code - Appendix A)	B	B	B	B	B
306.	Cause/Reason for Actuation (Code - Appendix A)	E	E	E	E	E
307.	Rx Operating Condition Prior to Lift (Code - Appendix A)	G	G	G	G	G
308.	Rx Power Level Prior to Lift (% Rated Thermal)	0	0	0	0	0
309.	Time for Tailpipe Temperature to Return to Normal	16:34	14:07	~~14:16~~ 16:16 R 6/1/00	~~12:48~~ 14:48 R 6/1/00	17:10
310.	Other Instrumentation - Number Reading and Units	N/A	N/A	N/A	N/A	N/A
311.	Rx Pressure Prior to Actuation	341	258	224	203	194
	IF AVAILABLE/IF APPLICABLE (See Step 8.1.2 and accompanying NOTE.)					
312.	Reseat Pressure at Valve Closure (PSIG)	212	154	96	74	86
313.	Duration of this Actuation (Minutes: Seconds)	8:08	13:52	38:40	42:11	37:08
314.	Failure, Reports (Code - Appendix A)	B	B	B	B	B
315.	LER Number (5 Digit Number)	~~N/A~~ 2000-001	~~N/A~~ 2000-001	~~N/A~~ 2000-001	~~N/A~~ 2000-001	~~N/A~~ 2000-001
316.	Comment Sheet Regarding This Actuation Attached? (Yes or No)	No	No	No	No	No

Completed By [signature] 6-1-00

Signature Date

REVIEW AND APPROVAL

Shift Supervision [signature] 6-4-00

Signature Date

Plant Docket No. 50-461

ACTUATION LOG

NOTE

Includes all IN-SERVICE tests.

302.	Equipment Identification Number (EIN)	1B21 F041A	1B21 F041G	1B21 F041F		
303.	Date of Actuation (MM/DD/YY)	5/17/00	5/17/00	5/18/00		
304.	Time of Day (24 Hour Clock)	2251	2350	0038		
305.	Type of Actuation (Code - Appendix A)	B	B	B		
306.	Cause/Reason for Actuation (Code - Appendix A)	E	E	E		
307.	Rx Operating Condition Prior to Lift (Code - Appendix A)	G	G	G		
308.	Rx Power Level Prior to Lift (% Rated Thermal)	0	0	0		
309.	Time for Tailpipe Temperature to Return to Normal	15:09	17:10	14:22		
310.	Other Instrumentation - Number Reading and Units	N/A	N/A	N/A		
311.	Rx Pressure Prior to Actuation	145	83	80		
	IF AVAILABLE/IF APPLICABLE (See Step 8.1.2 and accompanying NOTE.)					
312.	Reseat Pressure at Valve Closure (PSIG)	65	56	59		
313.	Duration of this Actuation (Minutes: Seconds)	44:21	29:31	40:58		
314.	Failure, Reports (Code - Appendix A)	B	B	B		
315.	LER Number (5 Digit Number)	~~2000-001~~ N/A	~~2000-001~~ N/A	~~2000-001~~ N/A 6/1/00		
316.	Comment Sheet Regarding This Actuation Attached? (Yes or No)	No	No	No		

Completed By _____ Signature 6-1-00 Date

REVIEW AND APPROVAL

Shift Supervision _____ Signature 6-4-00 Date

APPENDIX A

ACTUATION EVENTS CODES

NOTE

For each actuation event, select the appropriate code corresponding to the block number on CPS No. 3831.01D002, ACTUATION LOG.

BLOCK #	DESCRIPTION	CODES (Select One)
305	Type of Actuation	**A.** Automatic **B.** Remote Manual **C.** Spring
306	Cause/Reason for Actuation	**A.** Overpressure **B.** ADS **C.** Test **D.** Inadvertent (Accidental, Spurious) **E.** Manual Relief
307	Reactor Operating Condition Prior to Lift (LER Codes)	**C.** Routine Startup **D.** Routine Shutdown **E.** Steady State Operation **F.** Load Changes During Routine Operation **G.** Shutdown (Hot or Cold) Except Refueling **H.** Refueling
314	Failure-Reports	**(Select As Many As Applicable)** **A.** Failure of any Part of Valve Assembly - SRV Report Required **B.** No Failures Occurred **C.** LER Submitted - Give LER Number in Block # 315 **D.** Nuclear Plant Reliability Data System (NPRDS) Will Be Submitted **E.** Failure