

Regulatory

File Cy:



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

BBS Ltr. #490-74

Dresden Nuclear Power Station
R.R. #1
Morris, IL 60450

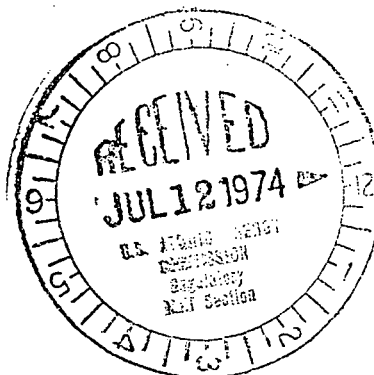
July 5, 1974

50 - 10

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Office of Plans and Schedules
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545



Dear Sir:

Enclosed please find Dresden Station's operating data for June 1974. This data is furnished to your office per Mr. L. Manning Muntzing's request to Mr. Byron Lee, Jr. on February 19, 1974.

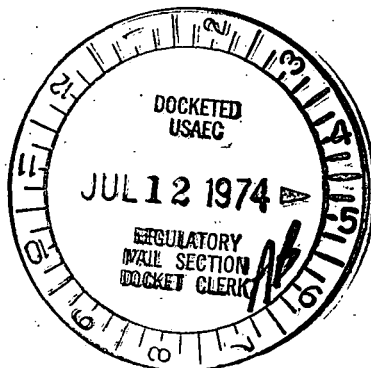
Sincerely,

B. B. Stephenson
Superintendent
Dresden Nuclear Power Station

BBS:HLJH:slb

cc: Region III, Regulatory Operation, USAEC
J. Abel
H. J. Hentschel
File/AEC Op Data

Enc.



6345

ENCLOSURE A

UNIT Dresden I

DATE July 5, 1974

COMPLETED BY _____

DAILY PLANT POWER OUTPUT

MONTH June 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-2</u>	25	<u>-3</u>
2	<u>-2</u>	26	<u>-3</u>
3	<u>-2</u>	27	<u>-3</u>
4	<u>-2</u>	28	<u>-2</u>
5	<u>-3</u>	29	<u>-2</u>
6	<u>-2</u>	30	<u>-2</u>
7	<u>-2</u>	31	<u>—</u>
8	<u>-2</u>		
9	<u>-2</u>		
10	<u>-2</u>		
11	<u>-2</u>		
12	<u>-2</u>		
13	<u>-2</u>		
14	<u>-2</u>		
15	<u>-2</u>		
16	<u>-2</u>		
17	<u>-3</u>		
18	<u>-4</u>		
19	<u>-3</u>		
20	<u>-3</u>		
21	<u>-2</u>		
22	<u>-2</u>		
23	<u>-2</u>		
24	<u>-3</u>		

UNIT NAME Dresden I
 DATE July 5, 1974
 COMPILED BY _____

OPERATING STATUS

1. REPORTING PERIOD: 0001 740601 TO 2400 740630
 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL NET 700 MWe-NET 200
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None
4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>0:0</u>	<u>0:0</u>	<u>85,780:05</u>
6. HOURS GENERATOR ON-LINE	<u>0:0</u>	<u>0:0</u>	<u>83,413:12</u>
7. GROSS THERMAL POWER GENERATED (MMH)	<u>0</u>	<u>0</u>	<u>43,514,489</u>
8. GROSS ELECTRICAL POWER GENERATED (MMH)	<u>6.37</u>	<u>12.01</u>	<u>13,142,330.32</u>
9. NET ELECTRICAL POWER GENERATED (MMH)	<u>-1,803.9</u>	<u>-9283.1</u>	<u>12,409,888.62</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>0</u>	<u>0</u>	<u>68.9</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>0</u>	<u>0</u>	<u>67.0</u>
12. PLANT CAPACITY FACTOR (3)	<u>0</u>	<u>0</u>	<u>49.8</u>
13. FORCED OUTAGE RATE (4)	<u>0</u>	<u>0</u>	<u>9.1</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 7/2/74

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	<u>Not in test status</u>		
COMMERCIAL OPERATION	_____	_____	_____

- (1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY AUTHORIZED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

SUMMARY: The unit was shut down the entire month. Evolutions conducted in preparation for unit startup were fuel canal cleanup, hydrostatic test, repairs to emergency condenser and repairs to CRD accumulators.

UNIT NAME Dresden I
 DATE July 5, 1974
 COMPLETED BY _____

REPORT MONTH June 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	731009	S	720	C	A	

- (1) REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 • B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G-OPERATIONAL ERROR
 (EXPLAIN)

- (2) METHOD:
 A- MANUAL
 B- MANUAL SCRAM
 C- AUTOMATIC SCRAM

UNIT Dresden IIDATE July 5, 1974

COMPLETED BY _____

DAILY PLANT POWER OUTPUTMONTH June 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net*</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>683</u>	25	<u>634</u>
2	<u>540</u>	26	<u>708</u>
3	<u>699</u>	27	<u>714</u>
4	<u>681</u>	28	<u>710</u>
5	<u>661</u>	29	<u>702</u>
6	<u>661</u>	30	<u>628</u>
7	<u>645</u>	31	<u>—</u>
8	<u>15</u>		
9	<u>-10</u>		
10	<u>-2</u>		
11	<u>-4</u>		
12	<u>-6</u>		
13	<u>-7</u>		
14	<u>-9</u>		
15	<u>269</u>		
16	<u>399</u>		
17	<u>377</u>		
18	<u>474</u>		
19	<u>569</u>		
20	<u>662</u>		
21	<u>673</u>		
22	<u>516</u>		
23	<u>651</u>		
24	<u>671</u>		

* Does not include spray pump or lift pump aux power for June.

UNIT NAME Dresden II
 DATE July 5, 1974
 COMPLETED BY _____

OPERATING STATUS

1. REPORTING PERIOD: 0001 740601 TO 2400 740630
 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL ~~MWE~~ 2527 MWe-NET 800
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 2450
4. REASONS FOR RESTRICTIONS (IF ANY): Scram Reactivity

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>565:48</u>	<u>3,749:33</u>	<u>28,530:15</u>
6. HOURS GENERATOR ON-LINE	<u>550:40</u>	<u>3598:29</u>	<u>26,062:02</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1,123,266</u>	<u>7,444,093</u>	<u>47,028,925</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>351,099</u>	<u>2,388,998</u>	<u>15,075,617</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>333,739</u>	<u>2,266,921</u>	<u>14,278,242</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>78.6</u>	<u>86.3</u>	<u>78.8</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>76.5</u>	<u>82.9</u>	<u>72.0</u>
12. PLANT CAPACITY FACTOR (3)	<u>57.9</u>	<u>65.2</u>	<u>49.3</u>
13. FORCED OUTAGE RATE (4)	<u>0</u>	<u>13.8</u>	<u>19.9</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):
Snubber Inspection 741013 2 DAYS
Refueling 741201 9 WEEKS
15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NA
16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	<u>Not in test status</u>		
COMMERCIAL OPERATION	_____	_____	_____

* Does not include spray pump or lift pump aux power for June.

- (1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

SUMMARY: The unit operated the entire month at power except for one shutdown period from 6/8/74 to 6/17/74. The purpose of this outage was for the modified off-gas tie-in and snubber inspection. Other jobs conducted during the outage were repairs to 2A H₂ cooler + transformer 22 maintenance

UNIT NAME Dresden II
 DATE July 5, 1974
 COMPLETED BY _____

REPORT MONTH June 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
6	740608	S	169	B	C	

(1) REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G-OPERATIONAL ERROR
 (EXPLAIN)

(2) METHOD:
 A- MANUAL
 B- MANUAL SCRAM
 C- AUTOMATIC SCRAM

UNIT Dresden IIIDATE July 5, 1974

COMPLETED BY _____

DAILY PLANT POWER OUTPUTMONTH June 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u> *	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>- 6</u>	25	<u>-9</u>
2	<u>- 6</u>	26	<u>-8</u>
3	<u>- 8</u>	27	<u>-7</u>
4	<u>- 8</u>	28	<u>-9</u>
5	<u>- 9</u>	29	<u>-10</u>
6	<u>75</u>	30	<u>-7</u>
7	<u>168</u>	31	<u>—</u>
8	<u>241</u>		
9	<u>425</u>		
10	<u>256</u>		
11	<u>139</u>		
12	<u>411</u>		
13	<u>379</u>		
14	<u>446</u>		
15	<u>505</u>		
16	<u>576</u>		
17	<u>243</u>		
18	<u>339</u>		
19	<u>416</u>		
20	<u>587</u>		
21	<u>623</u>		
22	<u>633</u>		
23	<u>485</u>		
24	<u>81</u>		

* Does not include some on lift some AUX power for June

UNIT NAME Dresden III
 DATE July 5, 1974
 COMPLETED BY _____

OPERATING STATUS

1. REPORTING PERIOD: 0001 740601 TO 2400 740630
 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2627 MWe-NET 838
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): none
4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.	<u>457.14</u>	<u>1968.32</u>	<u>18,806.26</u>
6. HOURS GENERATOR ON-LINE	<u>388.51</u>	<u>1859.14</u>	<u>17,451.45</u>
7. GROSS THERMAL POWER GENERATED (MMH)	<u>562,126</u>	<u>3,604,546</u>	<u>33,896,979</u>
8. GROSS ELECTRICAL POWER GENERATED (MMH)	<u>178,205</u>	<u>1,144,942</u>	<u>11,398,322</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>166,564</u>	<u>1,074,855</u>	<u>10,849,843</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>63.5</u>	<u>45.3</u>	<u>72.9</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>54.0</u>	<u>42.8</u>	<u>67.6</u>
12. PLANT CAPACITY FACTOR (3)	<u>28.9</u>	<u>30.9</u>	<u>52.6</u>
13. FORCED OUTAGE RATE (4)	<u>33.8</u>	<u>17.9</u>	<u>20.8</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):
Snubber Inspection 741030 2 DAYS

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 7/2/74
16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	<u>Not in test status</u>		
COMMERCIAL OPERATION	_____	_____	_____

* Does not include spray pump or lift pump aux power for June.

- (1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
- (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

SUMMARY: The unit completed its second refueling outage on 6/6/74 @ 1243. A startup testing program of the new 8x8 fuel assemblies was started. The unit never achieved 100% power due to problems with the feedwater system, recirc pump and condensate demins.

UNIT NAME Dresden III
 DATE July 5, 1974
 COMPLETED BY _____

REPORT MONTH June 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
4	740311	S	133	C	A	
5	740610	F	17	A	A	Repair crack on feedwater line instrument tap.
6	740617	F	19	G	C	Recirc pump mismatch.
7	740624	F	162	A	A	High vibrations in feed line causing feed line restraint damage.

(1) REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G-OPERATIONAL ERROR
 (EXPLAIN)

(2) METHOD:
 A- MANUAL
 B- MANUAL SCRAM
 C- AUTOMATIC SCRAM