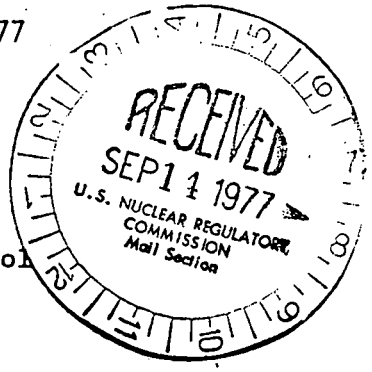
Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

September 8, 1977



BBS Ltr. #77-821

Office of Management Information & Program Control
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Enclosed please find Dresden Station's operating data for last month. This information is supplied to your office per the instructions set forth in Regulatory Guide 1.16.

Sincerely,

B. B. Stephenson
Station Superintendent

BBS:gt

Enclosure

cc: Region III, Regulatory Operations, U.S.NRC
M. Turbak
D. Moskovitz (Ofc. V.P. Lee)
T. Gianopoulis (Statistical Research)
J. R. Gilliom
Tech Staff EA (2 copies)
File/NRC Op Data

DAILY PLANT POWER OUTPUT

Month AUGUST, 1977

Day	Average Daily MWe-net	Day	Average Daily MWe-net
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

Docket No. #050-010

Unit 1

Date Sept 7, 1977

Completed By J.F. Phelan

Telephone 815/942-2920 ext. 263

DAILY PLANT POWER OUTPUT

Month AUGUST, 1977

Day	Average Daily MWe-net	Day	Average Daily MWe-net
1	455	17	450
2	463	18	427
3	467	19	439
4	471	20	449
5	465	21	441
6	471	22	438
7	459	23	441
8	462	24	431
9	460	25	435
10	455	26	434
11	460	27	428
12	370	28	428
13	420	29	427
14	443	30	427
15	455	31	422
16	450		

Docket No. #050-237

Unit 2

Date Sept 7, 1977

Completed By J.F. Phelan

Telephone 815/942-2920 ext. 263

DAILY PLANT POWER OUTPUT

Month AUGUST, 1977

Day	Average Daily MWe-net	Day	Average Daily MWe-net
1	737	17	579
2	739	18	635
3	737	19	670
4	718	20	727
5	727	21	655
6	737	22	742
7	619	23	740
8	714	24	723
9	715	25	730
10	712	26	729
11	714	27	717
12	712	28	664
13	172	29	726
14	393	30	709
15	445	31	704
16	510		

Docket No. #050-249

Unit 3

Date Sept 7, 1977

Completed By J.F. Phelan

Telephone 815/942-2920 ext 263

Docket No. 050-010

UNIT NAME Dresden 1 DATE Sept 7, 1977 COMPLETED BY J.F. Phelan

OPERATING STATUS TELEPHONE NO. 815/942-2920 ext 263

1. Reporting Period: 0001 770801 through 2400 770831.
   Gross Hours in Reporting Period: 744.
2. Currently Authorized Power Level MWt 700 MWe-Net 197
   Design Electrical Rating (MWe-Net): 200
3. Power Level to Which Restricted (if any): None.
4. Reasons for Restrictions (if any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	0	3716.4	104417.5
6. Reactor Reserve Shutdown Hours	0	0	0
7. Hours Generator On Line	0	3653.8	102626.3
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Energy Generated (MWH)	0	1,299,100.682	52,366,863.89
10. Gross Electrical Energy Generated (MWH)	31	399,953.6**	15,691,355.15
11. Net Electrical Energy Generated (MWH)	-1935.6	367,266**	14,789,173.72
12. Reactor Service Factor	0	63.7	68.5
13. Reactor Availability Factor	0	63.7	68.5
14. Unit Service Factor	0	62.7	67.4
15. Unit Availability Factor	0	62.7	67.4
16. Unit Capacity Factor (Using MDC)	0	31.9	49.3
17. Unit Capacity Factor (Using Design MWe)	0	31.5	48.5
18. Unit Forced Outage Rate	83.9	16.6	10.8

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    NA
20. If Shut down at end of Report Period, Estimated Date of Startup: 770916

** Corrected Numbers

Docket No. 050-237

UNIT NAME Dresden II DATE Sept 7, 1977 COMPLETED BY J.F. Phelan

OPERATING STATUS TELEPHONE NO. 815/942-2920 ext 263

1. Reporting Period: 0001 770801 through 2400 770831.
   Gross Hours in Reporting Period: 744.
2. Currently Authorized Power Level MWt 2527 MWe-Net 772*
   Design Electrical Rating (MWe-Net): 794
3. Power Level to Which Restricted (if any): None.
4. Reasons for Restrictions (if any):

		THIS MONTH	YR TO DATE	CUMULATIVE
5.	Number of Hours Reactor was Critical	744	5641.6	48217.75
6.	Reactor Reserve Shutdown Hours	0	0	0
7.	Hours Generator On Line	744	5569.6	45139.2
8.	Unit Reserve Shutdown Hours	0	0	0
9.	Gross Thermal Energy Generated (MWH)	1,181,121	10,699,778	85,557,450
10.	Gross Electrical Energy Generated (MWH)	353.445	3,364,978	27,385,690
11.	Net Electrical Energy Generated (MWH)	327,873	3,170,100.856	25,881,616.546
12.	Reactor Service Factor	100	96.7	75.3
13.	Reactor Availability Factor	100	96.7	75.3
14.	Unit Service Factor	100	95.5	70.5
15.	Unit Availability Factor	100	95.5	70.5
16.	Unit Capacity Factor (Using MDC)	57.1	70.4	52.4
17.	Unit Capacity Factor (Using Design MWe)	55.5	68.5	50.9
18.	Unit Forced Outage Rate	0	2.7	15.5

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling 770910 14 weeks
20. If Shut down at end of Report Period, Estimated Date of Startup: NA

* Represents average attainable summer capacity based upon partial closed cycle operation. Actual daily capacity is highly dependent upon local meteorological conditions and may be substantially lower.

Docket No. 050-249

UNIT NAME Dresden III DATE Sept 7, 1977 COMPLETED BY J.F. Phelan

OPERATING STATUS TELEPHONE NO. 815/942-2929 ext 263

1. Reporting Period: 0001 770801 through 2400 770831.
   Gross Hours in Reporting Period: 744.
2. Currently Authorized Power Level MWt 2527 MWe-Net 773*
   Design Electrical Rating (MWe-Net): 794
3. Power Level to Which Restricted (if any): None.
4. Reasons for Restrictions (if any):

		THIS MONTH	YR TO DATE	CUMULATIVE
5.	Number of Hours Reactor was Critical	744	5540.1	40389.05
6.	Reactor Reserve Shutdown Hours	0	0	0
7.	Hours Generator On Line	733.8	5325.25	38356.8
8.	Unit Reserve Shutdown Hours	0	0	0
9.	Gross Thermal Energy Generated (MWH)	1,608,161	11,383,103	72,651,182
10.	Gross Electrical Energy Generated (MWH)	516,440	3,703,660	23,931,208.25
11.	Net Electrical Energy Generated (MWH)	488,005	3,520,997.644	22,720,508.64
12.	Reactor Service Factor	100	95.0	75.4
13.	Reactor Availability Factor	100	95.0	75.4
14.	Unit Service Factor	98.6	91.3	71.6
15.	Unit Availability Factor	98.6	91.3	71.6
16.	Unit Capacity Factor (Using MDC)	84.4	78.1	54.8
17.	Unit Capacity Factor (Using Design MWe)	82.6	76.0	53.4
18.	Unit Forced Outage Rate	1.4	8.8	14.8

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

20. If Shut down at end of Report Period, Estimated Date of Startup: NA

Refueling 780226 13 Weeks

* Represents average attainable summer capacity based upon partial closed cycle operation. Actual daily capacity is highly dependent upon local meteorological conditions and may be substantially lower.

DOCKET NO. 050-010

UNIT NAME Dresden 1 REPORT MONTH 1977 DATE 9/8/77 COMPLETED BY J.F. Phelan

TELEPHONE 815/942-2920 ext 263

SUMMARY: Unit 1 Monthly Summary - August, 1977

Unit 1 was in the shutdown mode during the entire month of August, while outage work was being completed. On the 1st of the month the primary containment integrated leak rate test was postponed once a leak was found in an expansion joint. On the 10th of the month the main condenser was tested for air in leakage. The expansion joints and vent valve that were replaced between the 5th and 20th of the month were tested during the integrated leak rate test which started on the 20th. The expansion joints were again leak tested on the 27th and 30th of the month.

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
6	770615	S	120	C	1	
7	770805	F	624	A	1 (From Refueling)	Repair of Bellows Leaks

(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)
H-OTHER (EXPLAIN)

(2) METHOD.
1. MANUAL
2. MANUAL SCRAM
3. AUTOMATIC SCRAM
4. OTHER (EXPLAIN)

DOCKET NO. 050-237

UNIT NAME Dresden 11 REPORT MONTH Aug 1977 DATE 9/8/77 COMPLETED BY J.F. Phelan

TELEPHONE 815/942-2920 ext 263

SUMMARY: Unit 2 Monlth Summary - Aug, 1977

Dresden Unit 2 operated at an average gross load of 475 MWe over the entire month. Fuel depletion and the scram reactivity derating were principly responsible for a low capability factor even though. The Unit availiability was 100%. On Aug 4 during routine CRD Scram Testing drive H-7 uncoupled. It was immeadiately recoupled. Steady Unit operation followed with all control rods fully withdrawn. On Aug 12 the unit power output was reduced to 173 MWe. As the result of a steam leak through the packing of main steam line drain valve MO 2-220-90D. the steam Leak was reduced by backseating the valve and normal unit operation was resumed.

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS

(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)
H-OTHER (EXPLAIN)

(2) METHOD.
1. MANUAL
2. MANUAL SCRAM
3. AUTOMATIC SCRAM
4. OTHER (EXPLAIN)

DOCKET NO. 050-249

UNIT NAME Dresden III REPORT MONTH Augt, 1977 DATE 9/8/77 COMPLETED BY J.F. Phelan

TELEPHONE 815/942-2920- ext 263

SUMMARY: Unit 3 Monthly Summary - Aug 1977

Dresden Unit 3 operated at an average gross load of 703 MWe over the entire month. The Unit scrammed on Aug 13, 1977 Due to a turbine trip brought about by a main generatol field ground. The field ground was attributed to a shorted teflan insulator on one of the four field rectifier banks. Normal power was resumed for the remainder of the month.

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTION/COMMENTS
9	770813	F	10.2	H	1	Gen Field Circuit Ground

(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)
H-OTHER (EXPLAIN)

(2) METHOD.
1. MANUAL
2. MANUAL SCRAM
3. AUTOMATIC SCRAM
4. OTHER (EXPLAIN)