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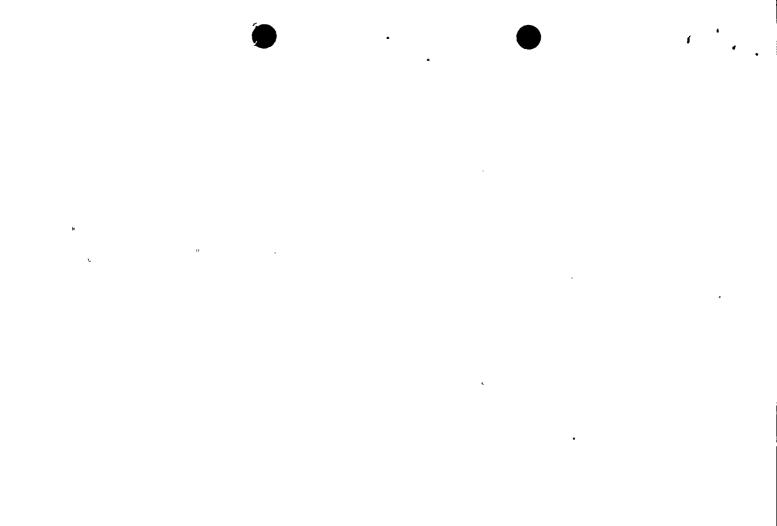
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U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C. 20555

April 4, 1990

Gentlemen:

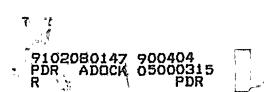
Pursuant to the requirements of Donald C. Cook Nuclear Plant Unit 1 Technical Specification 6.9.1.10, the attached Monthly Operating Report for the month of March 1990 is submitted.

Respectfully,

H. Man

A.A. Blind Plant Manager

B.A. Svensson c: NRC Region III D.R. Hahn EPRI - Nuclear Safety Analysis Center R.C. Callen S.L. Hall INPO Records Center ANI Nuclear Engineering Department D.H. Williams, Jr. M.P. Alexich J.F. Kurgan J.J. Markowsky D.A. Timberlake D.W. Paul T.O. Argenta S.H. Steinhart B.L. Jorgensen W.T. Gillett E.A. Smarrella J. Krieger E.C. Schimmel



UFO1

N.R.C. OPERATING DATA REPORT DOCKET NO. 50 - 315DATE 09-Apr-90 COMPLETED BY WT Gillett TELEPHONE 616-465-5901 OPERATING STATUS 1. Unit Name D. C. Cook Unit 1 MARCH 90 2. Reporting Period Inotes 3. Licensed Thermal Power (MWt) 3250 4. Name Plate Rating (Gross MWe)11525. Design Electrical Rating (Net MWe)1030 6. Maximum Dependable Capacity (GROSS MWe) 1056 7. Maximum Dependable Capacity (Net MWe) 1020 -----8. If Changes Occur in Capacity Ratings (Items no. 3 through 7) Since Last Report Give Reasons 9. Power Level To Which Restricted. If Any (Net MWe) 10. Reasons For Restrictions. If Any: This Mo. Yr. to Date Cumm. 11. Hours in Reporting Period 744.0 8040.0 - 130776.0 681.2 12. No. of Hrs. Reactor Was Critical 5387.7 95659.4 13. Reactor Reserve Shutdown Hours 0.0 0.0 463.0 676.3 14. Hours Generator on Line 5282.4 93901.3 15. Unit Reserve Shutdown Hours 0.0 0.0 321.0 16. Gross Therm. Energy Gen. (MWH) 17. Gross Elect. Energy Gen. (MWH) 2110415 15069073 272275488 685220 4805200 88723400 18. Net Elect. Energy Gen. (MWH) 660245 4612837 85311626 19. Unit Service Factor 90.9 65.7 72.9 20. Unit Availability Factor 90.9 65.7 72.9 21. Unit Capacity Factor (MDC Net) 22. Unit Capacity Factor (DER Net) 56.2 87.0 64.9 86.2 55.7 63.0 23. Unit Forced Outage Rate 0.0 1.8 7.6 24. Shutdowns Scheduled over Next Six Months (Type, Date, and Duration): • Refueling outage to begin October 12, 1990, for an estimated duration of 85 days. 25. If Shut Down At End of Report Period, Estimated Date of Startup: 26. Units in Test Status (Prior to Commercial Operation): Achieved Forcast INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MWe-Net)

DOCKET NO.	. 50-315
UNIT	ONE
DATE	04-Apr-90
COMPLETED	BY WT Gillett
TELEPHONE	616-465-5901

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MONTH MARCH 90

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1024	17	3
2	1004	18	0
3	601	19	16
4 ·	1012	20	478
5	1022	21	998
6	1022	22	1022
7	1025	23	1022
8	1023	24	1021
9	1024	25	1021
10	1024	26	1023
11	1023	27	1019
12	1023 .	28	1020
13	1019	29	1019
14	1021	30	1019
15	1022	31	1017
16	925		

UNIT SHUIDOWNS AND POWER REDUCTIONS

REPORT MONIH: March 1990

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DOCKET NO:	50-315
UNIT NAME:	D.C. COOK UNIT 1
DATE:	April 4, 1990
COMPLETED BY:	E.C. Schimmel
TELEPHONE:	(616) 465-5901

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NO.	DATE	TYPEl	DURATION HOURS	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT NO.	SYSTEM CODE ⁴	I COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
282	3/3/90 _. ,	S	0	В	4	N/A	HF	HIEXCH	Unit power was reduced to 88% starting 1958 hours on 900302 for main turbine valve testing. Unit power was reduced to 55% starting 2358 on 900302 for cleaning of the east and west main feedpump turbine condensers. Unit power was restored to 100% at 0253 hours on 900304.
283	3/16/90	S	67.7	B	1	N/A	22	22222	The unit was shut down 900317 for an ice condenser surveillance outage. The unit returned to service 900319 with 100% RTP achieved 900321.
l F: S:	Forced Scheduled	B: C: D: E: F: G:	n: Equipment Maintenanc Refueling Regulatory Operator T License Ex Administra Operationa Other (Exp	e or Test Restrict raining a amination tive l Error (Explain) ion nd	Method: 1: Manual 2: Manual Scr 3: Automatic 4: Other (Exp	ram Scram	for prepara entry sheet	5 Instructions Exhibit I: Same Source tion of data s for Licensee t (LER) File)

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DOCKET NO: UNIT NAME: COMPLETED BY: TELEPHONE: DATE: PAGE:

50-315 D.C. Cook Unit 1 E.C. Schimmel (616) 465-5901 April 4, 1990 1 of 2

MONTHLY OPERATING ACTIVITIES - March 1990.

HIGHLIGHTS

DEMATEC

The unit entered the reporting period at 100% Rated Thermal Power. A power reduction was required from 1958 hours March 2, 1990, to 0253 hours March 4, 1990, to allow testing of the main turbine control valves and cleaning of the east and west main feedpump turbine condensers. The unit exited the reporting period at 100% Rated Thermal Power.

On March 16, 1990, a reactor shutdown was commenced and the Unit was removed from service at 0050 hours on March 17, 1990, for a scheduled Ice Condenser Surveillance Outage and functional testing (replacement) of a Technical Specification related snubber. The Reactor Coolant System (RCS) was maintained in Mode 3 (Hot Standby) but the RCS temperature and pressure were reduced to 360 degrees and 850 psig respectively to facilitate the snubber replacement. A unit start-up was commenced on march 19, 1990, with the reactor critical at 1644 hours and the generator paralleled to the grid at 2030 hours on March 19, 1990. The unit was returned to 100% rated thermal power at 0447 hours on March 21, 1990. The unit exited the reporting period at 100% Rated Thermal Power.

Gross electrical generation for the month of March was 685220 MWH.

DETAILS		·
03/02/90	1958	Commenced unit power reduction to 88% RTP.
	2200	Unit is at 88% RTP to allow testing of the main turbine control valves.
	2358	Commenced unit power reduction to 55% RTP.
03/03/90	0339	Unit is at 55% RTP to allow cleaning of the east and west main feedpump turbine condensers.
	1440	Commenced unit power increase to 100% RTP.
03/04/90	0253	Unit is at 100% RTP.
03/16/90	1848	Commenced unit power reduction to begin the ice condenser surveillance outage.

DOCKET **W**: UNIT NAME: COMPLETED BY: TELEPHONE: DATE: PAGE:

50-315 D.C. Cook Unit 1 E.C. Schimmel (616) 465-5901 April 4, 1990 2 of 2

MONTHLY OPERATING ACTIVITIES - March 1990

DETAILS	Con't	
03/17/90	0050	Tripped the main turbine generator.
	0131	Unit entered Mode 3.
03/19/90	1605	Commenced reactor start-up. Unit entered Mode 2.
	1644	Unit One reactor is critical.
	1764	Unit entered Mode 1.
	2030	Main generator paralleled to the grid.
03/20/90	0413	Reactor power held at 48% for quadrant power tilt ratio.
	1425	Commenced unit power increase to 100% RTP.
03/21/90	0447	Unit is at 100% RTP.

DOCKET C: UNIT NAME: COMPLETED BY: TELEPHONE: DATE: PAGE:

50-315 D.C. Cook Unit 1 E.C. Schimmel (616) 465-5901 April 4, 1990 1 of 1

MAJOR SAFETY-RELATED MAINTENANCE - MARCH 1990

There were no major safey-related maintenance items during the month of March.



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