

Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1395



March 20, 2003

AEP:NRC:2573-04
10 CFR 50.73

Docket No. 50-316

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Unit 2
LICENSEE EVENT REPORT 316/2003-001-00
UNIT 2 SHUTDOWN IN ACCORDANCE WITH
TECHNICAL SPECIFICATION 3.8.1.1, "A.C. SOURCES," ACTION b

In accordance with the criteria established by 10 CFR 50.73 entitled Licensee Event Report System, the following report is being submitted:

LER 316/2003-001-00: "Unit 2 Shutdown In Accordance With Technical Specification 3.8.1.1, "A.C. Sources," Action b."

There are no new commitments identified in this submittal.

Should you have any questions, please contact Mr. Brian A. McIntyre, Manager of Regulatory Affairs, at (269) 697-5806.

Sincerely,

A handwritten signature in black ink that reads 'Joseph E. Pollock'.

Joseph E. Pollock
Site Vice President

RAM/jen

Attachment

IE22

c: L. Brandon – Michigan Department of Health
K. D. Curry – AEP Ft. Wayne
J. E. Dyer – NRC Region III
J. T. King - MPSC
MDEQ – DW & RPD
NRC Resident Inspector
Records Center - INPO
J. F. Stang, Jr. – NRC Washington DC

bc: A. C. Bakken, III, w/o attachment
M. J. Finissi
J. B. Giessner
D. W. Jenkins, w/o attachment
J. A. Kobyra, w/o attachment
B. A. McIntyre
J. E. Newmiller
T. P. Noonan
J. E. Pollock
D. J. Poupard
M. K. Scarpello, w/o attachment
T. K. Woods, w/o attachment

NRC Form 366 (7-2001) U.S. NUCLEAR REGULATORY COMMISSION <h2 style="text-align: center;">LICENSEE EVENT REPORT (LER)</h2> <p style="text-align: center;">(See reverse for required number of digits/characters for each block)</p>	APPROVED BY OMB NO. 3150-0104 EXPIRES 7-31-2004 <small>Estimated burden per response to comply with this mandatory information collection request: 50 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>
--	--

1. FACILITY NAME Donald C. Cook Nuclear Plant Unit 2	2. DOCKET NUMBER 05000-316	3. PAGE 1 of 3
--	--------------------------------------	--------------------------

4. TITLE
Unit 2 Shutdown In Accordance With Technical Specification 3.8.1.1, A.C. Sources, Action b

5. EVENT DATE			6. LER NUMBER				7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER	
01	27	2003	2003	--	001	--	00	03	20	03	FACILITY NAME DOCKET NUMBER

9. OPERATING MODE	1	11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)									
10. POWER LEVEL	100	20.2201(b)		20.2203(a)(3)(ii)		50.73(a)(2)(ii)(B)		50.73(a)(2)(ix)(A)			
		20.2201(d)		20.2203(a)(4)		50.73(a)(2)(iii)		50.73(a)(2)(x)			
		20.2203(a)(1)		50.36(c)(1)(i)(A)		50.73(a)(2)(iv)(A)		73.71(a)(4)			
		20.2203(a)(2)(i)		50.36(c)(1)(ii)(A)		50.73(a)(2)(v)(A)		73.71(a)(5)			
		20.2203(a)(2)(ii)		50.36(c)(2)		50.73(a)(2)(v)(B)		OTHER Specify in Abstract below or in NRC Form 366A			
		20.2203(a)(2)(iii)		50.46(a)(3)(ii)		50.73(a)(2)(v)(C)					
		20.2203(a)(2)(iv)		X 50.73(a)(2)(i)(A)		50.73(a)(2)(v)(D)					
		20.2203(a)(2)(v)		50.73(a)(2)(i)(B)		50.73(a)(2)(vii)					
20.2203(a)(2)(vi)		50.73(a)(2)(i)(C)		50.73(a)(2)(viii)(A)							
20.2203(a)(3)(i)		50.73(a)(2)(ii)(A)		50.73(a)(2)(viii)(B)							

12. LICENSEE CONTACT FOR THIS LER

NAME Richard Meister, Regulatory Affairs	TELEPHONE NUMBER (Include Area Code) (269) 465-5901, x1707
--	--

13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX
X	EK	65	Woodward	Yes					

14. SUPPLEMENTAL REPORT EXPECTED				15. EXPECTED SUBMISSION DATE			
X	YES (If Yes, complete EXPECTED SUBMISSION DATE).		NO		MONTH	DAY	YEAR
					07	11	2003

16. Abstract (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

On January 26, 2003, at 0426 hours, Donald C. Cook Nuclear Plant (CNP) Unit 2 was manually shut down in accordance with Technical Specification 3.8.1.1, A.C. Sources, Action b, and normal plant operating procedures, due to the CD Emergency Diesel Generator (EDG) being out of service. All remaining safety related equipment performed as required and no anomalies were noted. This event is being reported in accordance with 10 CFR 50.73(a)(2)(i)(A) and NUREG-1022, Revision 2, Section 3.2.1, which requires each licensee to submit an LER for the completion of any nuclear plant shutdown required by the plant's technical specifications. The CD EDG was removed from service on January 23, 2003, at 0400 hours for planned maintenance and testing. During the post-maintenance testing, unexpected load fluctuations were experienced with the EDG. The need for additional troubleshooting prevented completion of the planned maintenance and testing activities within the 72-hour allowed outage time. CNP is conducting a formal root cause investigation into the EDG governor problem and will supplement this LER upon completion of this effort. The supplement will report the root cause, corrective actions to prevent recurrence and safety significance of the governor failure.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

1. FACILITY NAME Donald C. Cook Nuclear Plant Unit 2	2. DOCKET NUMBER 05000-316	6. LER NUMBER			3. PAGE 2 of 3
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
		2003	-- 001 --	00	

17. TEXT (If more space is required, use additional copies of NRC Form (366A))

Conditions Prior to Event

Unit 1 - Mode 5, 0 percent power
Unit 2 - Mode 1, 100 percent power

Description of Event

On January 26, 2003, at 0426 hours, Donald C. Cook Nuclear Plant (CNP) Unit 2 was manually shut down in accordance with Technical Specification 3.8.1.1, A.C. Sources, Action b, and normal plant operating procedures, due to its inability to return the CD Emergency Diesel Generator (EDG) [EK] to an OPERABLE status within the allowed outage time. All remaining safety related equipment performed as required and no anomalies were noted.

The CD EDG was removed from service on January 23, 2003, at 0400 hours for planned maintenance and testing. During the post-maintenance testing, unexpected load fluctuations were experienced with the EDG. The need for additional troubleshooting prevented completion of the planned maintenance and testing activities within the 72-hour allowed outage time.

This event is being reported in accordance with 10 CFR 50.73(a)(2)(i)(A) and NUREG-1022, Revision 2, Section 3.2.1, which requires each licensee to submit an LER for the completion of any nuclear plant shutdown required by the plant's technical specifications.

Cause of Event

CNP is conducting a formal root cause investigation into the EDG governor problem and will supplement this LER upon completion of this effort. The supplement will report the root cause of the governor failure and CNP's corrective actions to prevent recurrence.

Analysis of Event

This section will be completed upon issuance of supplemental LER 50-316/2003-001-01.

Corrective Actions

Immediate Corrective Actions:

- The EDG governor mechanical linkage was adjusted to ensure proper operation.
- The EDG electronic governor was replaced.

Corrective Actions To Prevent Recurrence:

This section will be completed upon issuance of supplemental LER 50-316/2003-001-01.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

1. FACILITY NAME	2. DOCKET NUMBER	6. LER NUMBER				3. PAGE
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Donald C. Cook Nuclear Plant Unit 2	05000-316	2003	-- 001 --	00	3 of 3	

17. TEXT (If more space is required, use additional copies of NRC Form (366A))

Previous Similar Events

LER 50-316/2002-007-00, Unit 2 Technical Specification 3.8.1.1 Allowed Outage Time Exceeded. CNP is currently conducting a formal root cause into the cause of the January 26, 2003, event. The root cause investigation of the event reported in LER 50-316/2003-001-00 will include a review of the event documented in LER 50-316/2002-007-00.