

David R. Vineyard Vice President – Plant Hatch Hatch Nuclear Plant 11028 Hatch Parkway North Baxley, GA 31513 912 537 5859 tel 912 366 2077 fax

April 13, 2017

Docket No.: 50-366

NL-17-0624

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant Unit 2 LER 2017-002-00 Emergency Diesel Generator Start Due to Inadvertent Electrical Bus De-Energization

Ladies and Gentlemen:

In accordance with the requirements of 10 CFR 50.73(a)(2)(iv)(A), Southern Nuclear Operating Company (SNC) hereby submits the enclosed Licensee Event Report.

This letter contains no NRC commitments. If you have any questions, please contact Greg Johnson at (912) 537-5874.

Respectfully submitted,

JaelAblyck

David R. Vineyard Vice President – Hatch

DRV/jcb

Enclosure: LER 2017-002-00

U. S. Nuclear Regulatory Commission NL-17-0624 Page 2

 cc: <u>Southern Nuclear Operating Company</u> Mr. S. E. Kuczynski, Chairman, President & CEO Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer Mr. D. R. Vineyard, Vice President – Hatch Mr. M. D. Meier, Vice President – Regulatory Affairs Mr. R. D. Gayheart, Fleet Operations General Manager Mr. B. J. Adams, Vice President – Engineering Mr. G. L. Johnson, Regulatory Affairs Manager - Hatch RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission

Ms. C. Haney, Regional Administrator

Mr. R. Hall, NRR Project Manager - Hatch

Mr. D. H. Hardage, Senior Resident Inspector - Hatch

Edwin I. Hatch Nuclear Plant Unit 2

LER 2017-002-00

Emergency Diesel Generator Start Due to Inadvertent Electrical Bus De-Energization

Bit Market Stress LICENSEE EVENT REPORT (LER) Estimated butter per regiones to comply with the mediatory collector reguest 80 hours, and services and another porces and to be the industry collector reguest 80 hours, and services and another porces and to be the industry collector reguest 80 hours, and services and another porces and to be the industry collector reguest 80 hours, and services and another porces and to be the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the inductor collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the industry collector reguest 80 hours, and services and the inductor collector reguest 80 hours, and services and the inductor collectoreguest 10 hours, and the industry	NRC FORM 366			U.S. NUCLEAR REGULATORY COMMISSION						APPROVED BY OMB: NO. 3150-0104 EXPIRES:					ES: 1	0/31/2018		
1. FACULTY NAME Edwin I. Hatch Nuclear Plant Unit 2 2. DOCKET NUMBER 05000366 0. PAGE 1 OF 3 4. TITLE Edwin I. Hatch Nuclear Plant Unit 2 0. CHE NUMBER NO. 0. OTHER FACILITIES INVOLVED 0. OTHER FACILITIES INVOLVED 5. EVENT DATE 0. LER NUMBER NO. 7. REPORT DATE 8. OTHER FACILITIES INVOLVED 0. OTHER FACILITIES INVOLVED 02 16 2017 2017 -002 -00 4 13 2017 8. OPERATING MODE 1. ITHS REPORTIS SUBMITUD INFORMATIONE FACILITY NAME 0. OTHER FACILITIES INVOLVED 0. OTHER FACILITIES INVOLVED 9. OPERATING MODE 1. ITHS REPORTIS SUBMITUD INFORMATIONE FACILITY NAME 0. OTHER FACILITIES INVOLVED 0. OTHER FACILITIES INVOLVED 9. OPERATING MODE 1. ITHS REPORTIS SUBMITUD INFORMATIONE FACILITY NAME 0. OTHER FACILITY NAME 0. OTHER FACILITIES INVOLVED 9. OPERATING MODE 1. OPERATING MODE 1. OPERATING MODE 1. OPERATING MODE 0. OTHER FACILITY NAME 0. OTHER FACILITY	(See Page 2 for required number of digits/characters for each block) (See NUREG-1022, R.3 for instruction and guidance for completing this form								Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@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 an 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									
Emergency Diesel Generator Start Due to Inadvertent Electrical Bus De-Energization S. EVENT DATE 6. CHER NUMBER CREATION TO THE SUBJECTIVE INVOLVED OCKET NUMBER OCKET NUMBER MONTH DAY YEAR SCOUENTIAL REV NUMBER MONTH DAY YEAR FACILITY NAME DOCKET NUMBER DOCKET NUMBER 02 16 2017 2017 -002 -00 4 13 2017 FACILITY NAME DOCKET NUMBER 9. OPERATING MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply) 0.00000000000000000000000000000000000								2. DOCKET NUMBER										
MONTH DAY YEAR YEAR SEQUENTIAL NUMBER REV NO. MONTH DAY YEAR FACILITY NAME DOCKET NUMBER 02 16 2017 2017 - 002 - 002 4 13 2017 FACILITY NAME DOCKET NUMBER 9.0PERATING MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply) DOCKET NUMBER DOCKET NUMBER 20.2201(b) 20.2203(a)(3)(i) 50.73(a)(2)(ii)(A) 50.73(a)(2)(vii)(A) 50.73(a)(2)(vii)(A) 20.2203(a)(1) 20.2203(a)(3)(i) 50.37(a)(2)(i)(A) 50.73(a)(2)(vii)(A) 50.73(a)(2)(vii)(A) 10. POWER LEVEL 20.2203(a)(2)(i) 50.36(c)(1)(i)(A) S0.73(a)(2)(v)(A) 73.71(a)(4) 20.2203(a)(2)(ii) 50.36(c)(2) 50.73(a)(2)(v)(A) 73.77(a)(2)(i) 20.2203(a)(2)(i) 20.2203(a)(2)(i) 50.73(a)(2)(v)(D) 73.77(a)(2)(i) 20.2203(a)(2)(iv) 50.37(a)(2)(i)(A) 50.73(a)(2)(vi)(B) 50.73(a)(2)(vi)(D) 73.77(a)(2)(i) 20.2203(a)(2)(i) 50.73(a)(2)(vi)(D) 73.77(a)(2)(i) 20.2203(a)(2)(viv) 50.373(a)(2)(i)(A) 50.73(a)			v Diesel (Generato	or Sta	t Due	to I	nadver	rtent E	lectrica	Bu	s De-Ene	rgization					
MONTH DAY YEAR VEAR DOUMDER ND. MONTH DAY YEAR DOUMDER <	5. E	VENT	DATE	6. LE	RNUM	BER		7. RE	PORT	ATE			8. OTHER FAC	ACILITIES INVOLVED				
02 16 2017 2017 -002 -00 4 13 2017 9. OPERATING MODE 11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR§: (Check all that apply)	MONTH	DAY	YEAR	YEAR				MONTH	DAY	YEAR	FAC	CILITY NAME			DOCKE	TNU	MBER	
5 [20.2201(a) [20.2203(a)(3)(i) [50.73(a)(2)(iii)(A) [50.73(a)(2)(iii)(B) [50.73(a)(2)(ii)(B) [73.77(a)(1) [73.77(a)(2)(2)(i) [73.77(a)(2)(2)(i) [73.77(a)(2)(2)(i) [73.77(a)(2)(2)(i) [73.77(a)	02	16	2017	2017					FAC	FACILITY NAME DOCKET NUMBER					MBER			
5 20.2201(d) 20.2203(a)(3)(ii) 5 0.73(a)(2)(ii)(B) 5 0.73(a)(2)(ii)(B) 5 0.73(a)(2)(ii)(B) 5 0.73(a)(2)(ii)(B) 5 0.73(a)(2)(ii)(A) 5 0.73(a)(2)(ii)(B) 7 3.71(a)(A) 2 0.2203(a)(2)(iii) 5 0.73(a)(2)(ii)(B) 7 3.71(a)(A) 2 0.2203(a)(2)(iii) 5 0.73(a)(2)(i)(C) 7 3.77(a)(1) 2 0.2203(a)(2)(iii) 5 0.73(a)(2)(i)(C) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 5 0.73(a)(2)(i)(D) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 5 0.73(a)(2)(i)(D) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 5 0.73(a)(2)(i)(D) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 5 0.73(a)(2)(ii)(D) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 5 0.73(a)(2)(i)(D) 7 3.77(a)(2)(i) 2 0.2203(a)(2)(ii) 2 0.2203(a)(2)(ii) 2 0.203(a)(2)(ii) 2 0.203(a)(2)(ii) 2 0.203(a)(2)(ii) 2 0.20203(a)(2)(ii)	9. OP	ERATIN	GMODE		11. Tł	IS REP	ORT	SUBMIT	TED PU	RSUANT T	O THI	E REQUIREME	ENTS OF 10 CFR	§: (Check a	ll that ap	oly)		
20.2203(a)(1) 20.2203(a)(2) 50.73(a)(2)(iii) 50.73(a)(2)(ix) 10. POWER LEVEL 20.2203(a)(2)(i) 50.36(c)(1)(i)(A) 50.73(a)(2)(ix) 50.73(a)(2)(ix) 10. POWER LEVEL 20.2203(a)(2)(ii) 50.36(c)(1)(ii)(A) 50.73(a)(2)(v)(A) 73.71(a)(A) 0 20.2203(a)(2)(ii) 50.36(c)(2) 50.73(a)(2)(v)(B) 73.71(a)(A) 20.2203(a)(2)(v) 50.73(a)(2)(i)(A) 50.73(a)(2)(v)(C) 73.77(a)(2)(I) 20.2203(a)(2)(v) 50.73(a)(2)(i)(C) 73.77(a)(2)(I) 73.77(a)(2)(I) 20.2203(a)(2)(vi) 50.73(a)(2)(i)(C) 50.73(a)(2)(vi)I 73.77(a)(2)(I) 20.2203(a)(2)(vi) 50.73(a)(2)(I)(C) 50.73(a)(2)(Vi)I 73.77(a)(2)(I)I				20.220	20.2203(a)(3)(i)				☐ 50.73(a)(2)(ii)(A)			50.73(a)(2)(viii)(A)						
□ 20.2203(a)(2)(i) □ 50.36(c)(1)(0)(A) □ 50.73(a)(2)(i) □ 50.73(a)(2)(i) 10. POWER LEVEL □ 20.2203(a)(2)(ii) □ 50.36(c)(1)(ii)(A) □ 50.73(a)(2)(i) □ 73.71(a)(4) 0 □ 20.2203(a)(2)(iii) □ 50.36(c)(2) □ 50.73(a)(2)(v)(B) □ 73.71(a)(5) □ 20.2203(a)(2)(iv) □ 50.73(a)(2)(i)(C) □ 73.77(a)(1) □ 10.2203(a)(2)(iv) □ 50.73(a)(2)(v)(D) □ 73.77(a)(2)(i) □ 10.22023(a)(2)(iv) □ 50.73(a)(2)(v)(D) □ 173.77(a)(2)(i) □		5		20.220	20.2203(a)(3)(ii)				☐ 50.73(a)(2)(ii)(B)			50.73(a)(2)(viii)(B)						
10. POWER LEVEL 20.2203(a)(2)(ii) 50.36(c)(1)(ii)(A) 50.73(a)(2)(v)(A) 73.71(a)(4) 73.71(a)(4) 0 20.2203(a)(2)(iii) 20.2203(a)(2)(iii) 20.2203(a)(2)(iii) 20.2203(a)(2)(iv) 20.2203(a)(2)(v) 20.2203(a)(2)(v) 20.2203(a)(2)(v) 20.2203(a)(2)(v) 20.2203(a)(2)(v) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.2203(a)(2)(vi) 20.73(a)(2)(i)(B) 50.73(a)(2)(v)(D) 73.77(a)(2)(i) 73.77(a)(2)(i) 20.2203(a)(2)(vi) 20.2203(a)(2)(vii) 20.73(a)(2)(i)(B) 50.73(a)(2)(vi)(D) 73.77(a)(2)(i) 73.77(a)(2)(i) 20.2203(a)(2)(vii) 20.2203(a)(2)(vii) 50.73(a)(2)(i)(C) 20.2203(a)(2)(vii) 20.2203(a)(2)(i)(C) 20.203(a)(2)(i)(C) 20.203(a)(2)(i)(C) 20.203(a)(2)(i				20.2203(a)(1)				20.2203(50.73(a)(2)(iii)			50.73(a)(2)(ix)(A)					
0 □ 20.2203(a)(2)(iii) □ 50.36(c)(2) □ 50.73(a)(2)(v)(B) □ 73.71(a)(5) □ 20.2203(a)(2)(iv) □ 50.46(a)(3)(ii) □ 50.73(a)(2)(v)(C) □ 73.77(a)(1) □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(A) □ 50.73(a)(2)(v)(D) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(vi) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(vi) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(C) □ OTHER Specify in Abstract below or in NRC Form 366A TELEPHONE NUMBER (Indude Area Code) TELEPHONE NUMBER (Indude Area Code) TELEPHONE NUMBER (Indude Area Code) 912-537-2342 TelePHONE NUMBER (Indude Area Code) TELEPHONE NUMBER (Indude Area Code) 912-537-2342 TelePHONE NUMBER (Indude Area Code) TELEPHONE NUMBER (Indude Area Code) 10 EPIX TelePHONE NUMBER (Indude Area Code) 10 EPORTABLE To EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER TO EPIX				20.2203(a)(2)(i)				50.36(c)(⊠ 50.73(a)(2)(iv)(A)			□ 50.73(a)(2)(x)					
0 □ 20.2203(a)(2)(iv) □ 50.46(a)(3)(ii) □ 50.73(a)(2)(v)(C) □ 73.77(a)(1) □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(A) □ 50.73(a)(2)(v)(D) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(v)(D) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(C) □ 0THER specify in Abstract below or in NRC Form 366A ILCENSEE CONTACT □ 50.73(a)(2)(i)(C) □ 0THER specify in Abstract below or in NRC Form 366A Edwin I. Hatch / Jimmy Collins – Licensing Supervisor TELEPHONE NUMBER (Include Area Code) 912-537-2342 13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED UBMINSION DATE) NO NO DATE I I	10. F	OWER	LEVEL	20.2203(a)(2)(ii)				50.36(c)(50.73(a)(2)(v)(A)			73.7	☐ 73.71(a)(4)				
0 □ 20.2203(a)(2)(v) □ 50.73(a)(2)(i)(A) □ 50.73(a)(2)(v)(D) □ 73.77(a)(2)(i) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(vii) □ 73.77(a)(2)(ii) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(vii) □ 73.77(a)(2)(ii) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(B) □ 50.73(a)(2)(vii) □ 73.77(a)(2)(ii) □ 20.2203(a)(2)(vi) □ 50.73(a)(2)(i)(C) □ OTHER Specify in Abstract below or in NRC Form 366A 12. LICENSEE CONTACT FOR THIS LER TELEPHONE NUMBER (Include Area Code) 912-537-2342 912-537-2342 13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a				20.2203(a)(2)(iii)				50.36(c)(50.73(a)(2)(v)(B)			73.7	'1(a)(5)		and the second se		
¹ / ₂ 20.2203(a)(2)(v) ¹ / ₂ 50.73(a)(2)(v)(D) ¹ / ₂ 73.77(a)(2)(i) ¹ / ₂ 20.2203(a)(2)(vi) ¹ / ₂ 50.73(a)(2)(i)(B) ¹ / ₂ 50.73(a)(2)(vii) ¹ / ₂ 73.77(a)(2)(i) ¹ / ₂ 20.2203(a)(2)(vi) ¹ / ₂ 50.73(a)(2)(i)(C) ¹ / ₂ 73.77(a)(2)(i)(i) ¹ / ₂ 20.2203(a)(2)(vi) ¹ / ₂ 50.73(a)(2)(i)(C) ¹ / ₂ 73.77(a)(2)(i)(i) ¹ / ₂ 20.2203(a)(2)(vi) ¹ / ₂ 50.73(a)(2)(i)(C) ⁰ / ₂ OTHER ¹ / ₂ 73.77(a)(2)(i)(i) ¹ / ₂ 20.2203(a)(2)(vi) ¹ / ₂ 50.73(a)(2)(i)(C) ⁰ / ₂ OTHER ¹ / ₂ 73.77(a)(2)(i)(i) ¹ / ₂ 20.203(a)(2)(i)(C) ⁰ / ₂ OTHER ¹ / ₂ OTHER ¹ / ₂ OTHER ¹ / ₂ 20.203(a)(2)(i)(C) ¹ / ₂ 20.203(a)(2)(i)(C) ¹ / ₂ 73.77(a)(2)(2)(i) ¹ / ₂ 20.203(a)(2)(i)(C) ¹ / ₂ 20.203(a)(2)(i)(C) ¹ / ₂ 20.204 ¹ / ₂ 20.20	i.	0		20.220	50.46(a)(3)(ii)				50.73(a)(2)(v)(C)			73.77(a)(1)						
Image: System system in the s	0			20.220	50.73(a)(2)(i)(A)				50.73(a)(2)(v)(D)			73.77(a)(2)(i)						
12. LICENSEE CONTACT FOR THIS LER LICENSEE CONTACT TELEPHONE NUMBER (Include Area Code) 912-537-2342 TELEPHONE NUMBER (Include Area Code) 912-537-2342 TELEPHONE NUMBER (Include Area Code) 912-537-2342 CAUSE SYSTEM COMPONENT FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED MONTH MONTH DAY YES (If yes, complete 15. EXPECTED SUBMISSION DATE) NO DATE On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a				20.2203(a)(2)(vi)				50.73(a)(50.73(a)(2)(vii)			73.77(a)(2)(ii)					
TELEPHONE NUMBER (Include Area Code) TELEPHONE NUMBER (Include Area Code) 912-537-2342 TELEPHONE NUMBER (Include Area Code) 912-537-2342 TO ENELINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED MONTH MANU- FACTURER MONTH MANU- FACTURER MONTH MANU- FACTURER TO EPIX 15. EXPECTED SUBMISSION DATE MONTH DATE On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a								50.73(a)(OTHER Specify in Abstract below or in NRC Form 366A				_				
Idea in Licensing Supervisor 13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED Image: Street of the street of th							12.	LICENS	EE CON	ITACT FO	RTH	IS LER		8 W				
13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED 15. EXPECTED MONTH DAY YEAR YES (If yes, complete 15. EXPECTED SUBMISSION DATE) NO SUBMISSION DATE MONTH DAY YEAR ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a Home to being in a													TELEPHONE	E NUMBER (In	clude Area	Code)		
CAUSE SYSTEM COMPONENT MANU-FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU-FACTURER REPORTABLE TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED Image: Complete 15. EXPECTED SUBMISSION DATE Image:	Edwin	I. Hat	ch / Jimm															
CAUSE SYSTEM COMPONENT FACTURER TO EPIX CAUSE SYSTEM COMPONENT FACTURER TO EPIX 14. SUPPLEMENTAL REPORT EXPECTED 15. EXPECTED MONTH DAY YEAR YES (If yes, complete 15. EXPECTED SUBMISSION DATE) NO SUBMISSION DATE MONTH DAY YEAR ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a How and a complete to being in a				13. C	OMPLE			1	10	ONENT FA	LUR	E DESCRIBED	IN THIS REPORT					
YES (If yes, complete 15. EXPECTED SUBMISSION DATE) NO SUBMISSION DATE ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a	CAUSE SYSTE		SYSTEM	COMPONENT		FACTURER TO E				E	SYSTEM	COMPONENT						
YES (If yes, complete 15. EXPECTED SUBMISSION DATE) NO SUBMISSION DATE Difference ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a Image: Complete 15. EXPECTED SUBMISSION DATE)							27											
ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a	14. SUP	PLEME	ENTAL REP	ORT EXPE	CTED					- Contraction of the second		PECTED	MONTH	DAY		YEAR		
On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a		YES (If	yes, comple	te 15. EXPE	ECTED	SUBMIS	SION	I DATE)		NC)			-				
	ABSTRAC	T <i>(Limit t</i>	o 1400 spaces	s, i.e., approxi	imately 15	5 single-s	baced	typewritten	lines)					1.12				

refueling outage, maintenance electricians were sent to the field to perform a protective relay trip test for the 2D start-up transformer (SAT). During the test setup, the 2E 4160 VAC Emergency Bus was inadvertently and momentarily de-energized, causing the 2A Emergency Diesel Generator (EDG) to autostart, secondary containment to isolate, and start of the standby gas treatment system. Subsequent investigations revealed that the cause of the event was due to a movement operated contact (MOC) switch adapter was not required to be installed on the 2D normal supply breaker in the 2E 4160 VAC bus. All systems responded appropriately.

A review of the event determined that the MOC switch adapter was not required to be installed by the procedure, but was instructed to be installed by supervision. Corrective actions were taken to cover supervisor roles and responsibilities and the need for all workers to follow plant standards for procedure use and adherence. All breaker procedures and protective relay test procedures were reviewed to determine if a MOC switch adapter needs to be installed. Continuing training will also be held to cover this event and its lessons learned.

	LICENSEE EVENT REPORT (LER) CONTINUATION SHEET 022, R.3 for instruction and guidance for completing this form pov/reading-rm/doc-collections/nuregs/staff/sr1022/r3/)		APPROVED BY OMB: NO. 3150-0104 EXPIRES: 10/31/2018 Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@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 an 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.					
1. FACILITY NAME 2. DOCKET N			UMBER	3. LER NUMBER				
Edwin I. Hatch Nuclear Plant Unit 2			05000-366	YEAR	SEQUENTIAL NUMBER	REV NO.		
				2017	- 002	- 00		

NARRATIVE

Event Description

On February 16, 2017, at 1320 EST with Unit 2 at 0 percent rated thermal power due to being in a refueling outage, maintenance electricians were sent to the field to perform a protective relay trip test for the 2D start-up transformer (SAT) (EIIS Code XMFR). During the test setup, the 2E 4160 VAC Emergency Bus (EIIS Code BU) was inadvertently and momentarily de-energized, causing the 2A Emergency Diesel Generator (EDG) (EIIS Code DG) to autostart, secondary containment to isolate, and start of the standby gas treatment system. Although, the 2A EDG autostarted, it did not tie to the 2E 4160 VAC Emergency Bus as the 2E 4160 VAC Emergency Bus was re-energized from the 2C SAT. Subsequent investigations revealed that a movement operated contact (MOC) switch adapter had been installed on the 2D normal supply breaker in the 2E 4160 VAC Emergency Bus. The procedure did not call for the MOC switch adapter to be installed and was installed at the direction of supervision. The switch adapter caused the alternate supply breaker that was feeding the 2E 4160 VAC Emergency Bus to momentarily open and then reclose, consequently ending the event.

Event Cause Analysis

The cause of the event is due to a MOC switch adapter being incorrectly installed on the 2D normal supply breaker in the 2E 4160 VAC Emergency Bus. Causal analysis determined that the MOC switch adapter was not required to be installed per the procedure. The supervisor made the decision to install the adapter after a review of the electrical prints and assumed he had eliminated the trip potential by opening the appropriate link. The supervisor stepped out of role and did not follow plant standards for procedure use and adherence.

Safety Assessment

This event is reportable per 10 CFR 50.73(a)(2)(iv)(A) due to the valid actuation of an emergency ac electrical power system that was not part of a pre-planned sequence.

The electrically powered safety loads are separated into redundant load groups such that loss of any one group will not prevent the minimum safety functions from being performed. Essential loads are divided between the three essential 4160 VAC Emergency Buses: 2E, 2F, and 2G. Availability of any two of these buses is sufficient to meet any accident conditions. The startup transformers are used to supply the 4160 VAC buses during normal operation, maintenance outages, and shutdown. Emergency buses 2E, 2F, and 2G are normally supplied by the 2D startup transformer. On failure of the normal source (2D transformer), the three emergency buses are energized from the 2C startup transformer. This is accomplished by an automatic transfer. In the event that both startup transformer supplies are lost, the power supply for the emergency buses is fed from emergency diesel generators.

Upon a momentary loss of the 2E Emergency Bus supply power, the alternate supply power breaker automatically reclosed, reenergizing the bus. All respective systems operated as designed upon the momentary loss of power and no component failures were identified. Due to Unit 2 being in a scheduled refueling outage, shutdown cooling was being provided by the Decay Heat Removal (DHR) system during this time. Therefore, there was no loss of shutdown cooling and the outage safety assessment was not impacted by this event. This event is considered to have very low safety significance.

NRC FORM 366A (06-2016) U.S. NUCLEAR REGULA LICENSEE EVENT RI CONTINUATION S (See NUREG-1022, R.3 for instruction and guidance for http://www.nrc.gov/reading-rm/doc-collections/nuregs/s	EPORT (LER) SHEET	APPROVED BY OMB: NO. 3150-0104 EXPIRES: 10/3 Estimated burden per response to comply with this mandatory collection request: 8 Reported lessons learned are incorporated into the licensing process and fed back to Send comments regarding burden estimate to the FOIA, Privacy and Information C Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and R Affairs, NEOB-10202, (3150-0104), Office of Management and Budget, Washington, DC 20 means used to impose an information collection does not display a currently valid OM number, the NRC may not conduct or sponsor, and a person is not required to respon information collection.						
1. FACILITY NAME	2. DOCKET N	UMBER	3. LER NUMBER					
Edwin I. Hatch Nuclear Plant Unit 2		05000-366	YEAR	SEQUENTIAL NUMBER	REV NO.			
			2017	- 002	- 00			
Corrective Actions A stand down was held with all ma								

the need for all workers to follow plant standards for procedure use and adherence. Also, a stand down was held with craft personnel to reinforce the need to always follow the procedure and to not deviate from written procedures even under the direction of supervision. All breaker procedures and protective relay test procedures were reviewed to determine if a MOC Switch Adapter needs to be installed. Continuing training will also be held to cover this event and its lessons learned.

Previous Similar Events

None.