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Ref. # 10CFR50.73(a)(2)(i)(B)

CP-200800938 Log # TXX-08091

July 14, 2008

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION DOCKET NO. 50-446 CONDITION PROHIBITED BY TECHNICAL SPECIFICATIONS LICENSEE EVENT REPORT 446/08-002-00

REFERENCE:

Dear Sir or Madam:

Enclosed is Licensee Event Report (LER) 08-002-00 for Comanche Peak Steam Electric Station (herein referred to as Comanche Peak Nuclear Power Plant) Unit 2, "P-14 Trip Function for Steam Generator 2-02 Narrow Range Level Channel Inoperable Due to Mispositioned Hand Switch."

This communication contains no new licensing basis commitments regarding Comanche Peak Nuclear Power Plant (CPNPP) Unit 2.

1523 MPR

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway + Comanche Peak + Diablo Canyon + Palo Verde + San Onofre + South Texas Project + Wolf Creek

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Should you have any questions, please contact Gary Merka at (254) 897-6613.

Sincerely,

Luminant Generation Company LLC

Mike Blevins

fael Flores By:

Rafael Flores Site Vice President

Enclosure

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E. E. Collins, Region IV B. K. Singal, NRR Resident Inspectors, Comanche Peak

Enclosure to TXX-08091													
	NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB NO. 3150-0104 EXPIRES: 8/31/2010										8/31/2010		
(9-2007) LICENSEE EVENT REPORT (LER) (See reverse for required number of digits/characters for each block)							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 Records and FOIA/Privacy Service Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@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						
1. FACILI		Ξ.			٩				information collection. 2. DOCKET NUMBER 3. PAGE				
СОМА	NCHE	PEAK N	UCLEA	R POWER P	LANT	UNIT 2		050	05000446				OF 4
4. TITLE P-14 Tri	ip Func	tion for {	Steam G	enerator 2-0	2 Nar	row Rang	e Leve	el Chani	nel Inoperat	ble Due to Mis	positioned	Hand S	witch
	VENT DA		Steam Generator 2-02 Narrow Range Level 6. LER NUMBER 7. REPORT D										
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR	FACILITY NA N/A	ME		OCUMEN [®]	T NUMBER
05	22	2008	2008	002	00	07	14	2008	FACILITY NA N/A	ME		OCUMEN 05000	T NUMBER
9. OPER/ Mode 1	ATING M	ODE	20.3 20.3 20.3	THIS REPORT 2201(b) 2201(d) 2203(a)(1) 2203(a)(2)(i)		20.2203(a 20.2203(a 20.2203(a	a)(3)(i) a)(3)(ii) a)(4)	NT TO T	50.73(a 50.73(a 50.73(a 50.73(a	MENTS OF 10 C)(2)(i)(C))(2)(ii)(A))(2)(ii)(B))(2)(iii)	50.73 50.73 50.73	8(a)(2)(vii) 8(a)(2)(viii 8(a)(2)(viii)(A))(B)
10. POV 100%	VER LEV	ΈL	10. POWER LEVEL 20.2203(a)(2)(ii) 50.36(c)(1)(ii)(A) 50.73(a)(2)(iv)(A) 50.73(a)(2)(x)										
12. LICENSEE CONTACT FOR THIS LER													
FACILITY N	VAME				12. LI	CENSEE C	ONTAC	T FOR T	HIS LER	TELEPI	HONE NUMBER	R (Include A	Area Code)
FACILITY	NAME		Tim H	ope – Nuclea				T FOR T	HIS LER			R (Include A	Area Code)
FACILITY		1		ope – Nuclea LETE ONE LIN	ar Lice	nsing Ma	nager				897-6370	R (Include A	Area Code)
FACILITY N	SYSTE			LETE ONE LIN	ar Lice	nsing Ma	nager			(254)	897-6370	REPC	Area Code) DRTABLE DEPIX
			3. COMP	MANU-	ar Lice E FOR REPOR	nsing Ma	nager IPONEI		RE DESCRIB	(254) ED IN THIS REF	897-6370 PORT MANU-	REPC	ORTABLE
	SYSTE	ЕМ СОМ	3. COMP	MANU-	ar Lice E FOR REPOR TO E	ENSING MA	nager IPONEI		IRE DESCRIB SYSTEM 15. EXPE	(254) ED IN THIS REF COMPONENT	897-6370 PORT MANU-	REPC	ORTABLE
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CAUSE CAUSE ABSTRAC On At 1 Sys The Nar likel The activitiens	SYSTE S (<i>If yes, c</i> CT (<i>Limit</i> May 22 120 hot stem (RC incorre rrow Rai ly existe cause incorre tons incl t involve tches, a sure that	14. SUPP tomplete 15. t to 1400 s , 2008, (urs, whill CS) Stea ectly pos nge Leve ed since of this e luded iss e manipu nd revie t it adequ	3. COMP IPONENT PLEMENT . EXPECTE Spaces, i.e Comanc le perfor am Gene itioned h el Chann May 14, vent wa suing a S ulation of wing the uately ac	AL REPORT EX AL REPORT EX ED SUBMISSION I Common States AL REPORT EX AL REP	AT Lice E FOR REPOR TO E REPOR TO E (PECTI DATE) (15 sin Contr iquid I ender e and iod of late re efining l contr trainir TS im	Ensing Ma EACH CON TABLE EPIX ED ED ED Cower Pla ol Board of Level han ed the hig further re time grea estoration g specific rol switch- ng materia	typewrit caus typewrit nt (CPI walk do switch sview d step in switch es, enh al asso s.	ten lines) NPP) U own Op ch for Lu a level tr etermir in allow a the Ch restora nancing ociated to	IT IS EXPE SYSTEM 15. EXPE SUBMIS DATE nit 2 was in erators four toop 2, Prote- ip function f ed that the ed by Techr lannel Oper lannel Oper labeling on with the SG	(254) ED IN THIS REF COMPONENT COMPONENT ECTED SION E Mode 1 operation SION E COMPONENT E COMPONENT E COMPONENT E SION E CTED SION SION SION SION SION SION SION SION	897-6370 ORT MANU- FACTURER MONTH MONTH Atting at 100 Reactor Co the incorre protection S d switch ha attions. procedure. ng all I&C p control har	D% powe olant ct positi et l d most Correct rocedur	er.

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Enclosure to	о ТХХ-08091
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	IC FO 2007)	RM 305A		U.S. NUCLEA	R REGULATORY	COMMISSION
	,	LICENSEE EVENT CONTINUATI				
	СС	1. FACILITY NAME MANCHE PEAK NUCLEAR POWER PLANT UNIT 2	2. DOCKET 05000 - 446	6. LER NU YEAR SEQUEN NUMBE 2008 002	TIAL REV R NO.	3. PAGE 2 OF 4
	NAR	RATIVE (If more space is required, use additional copies of NRC Form		<u>, – – – – – – – – – – – – – – – – – – –</u>		
I.	DE	SCRIPTION OF THE REPORTABLE EVENT				
	Α.	REPORTABLE EVENT CLASSIFICATION	н Н			Ň
• •		10CFR50.73(a)(2)(i)(B); "Any operation or condition wh	ich was prohibite	d by the plant's Te	echnical Specif	lications."
	В.	PLANT OPERATING CONDITIONS PRIOR TO THE E	VENT			
	_	On May 22, 2008, CPNPP Unit 2 was in Mode 1, opera	. .			
	C.	STATUS OF STRUCTURES, SYSTEMS, OR COMPONENTE EVENT AND THAT CONTRIBUTED TO THE EVENT		ERE INOPERABL	E AT THE ST	ART OF
	,	There were no structures, systems, or components that to the event.	were inoperable	at the start of the	e event that cor	ntributed
	. D.	NARRATIVE SUMMARY OF THE EVENT, INCLUDING	DATES AND A	PPROXIMATE TI	MES	
		On May 14, 2008, CPNPP Unit 2 was in Mode 1 operational (RO#1) (utility, licensed) began a Channel Operational (SG 2-02 Protection Set II Narrow Range Level Channer Technical Specification (TS) Surveillance Requirement sensor and associated signal processing equipment co RO#1 positioned hand switch 2-LS-0529C (RCS SG Lice (SB)(SG)(CHA)(HS)] to the 2-LY-0529 position (the alter trip function) inoperable for channel 2-L-0529 (SG 2-02 entry into TS Limiting Condition for Operation (LCO) 3.3 place the channel in trip or place the Unit in Mode 3 with	Test (COT) and (el) [EIIS: (SB)(SG (SR) 3.3.2.5 and ntained in the cha quid Level Hand S mate channel po Protection Set I 1 3.2 condition I, wh	Channel Calibration)(CHA)]. This test it verifies the accontent annel. Per step 6 Switch for Loop 2, solition). This rendon Narrow Range Le	on on channel 2 st is performed uracy of the ch .5 of the test pi Protection Se lers P-14 (high vel Channel), r	2-L-0552 per iannel rocedure, t I) [EIIS: -high level requiring
		Step 9.17 of the COT procedure states "Notify the RO t required by plant conditions (Operations Sign Off): 2-LS was worded this way to allow flexibility for various plant notified a second Reactor Operator (RO#2) (utility, licer Procedure step 9.17 does not require concurrent verific hand switch is returned to the preferred channel. RO#2 the channel in trip or place the Unit in Mode 3 within 78 position. Since the COT procedure did not specifically L-0552 position (the normal controlling channel), RO#2 channel position).	05-0529C "SG2 LV conditions. An I& ased) as directed ation, and the I& 2 was unaware of hours with hand direct hand switc	L CHAN SELECT &C technician (uti by step 9.17 of th C Technician is no the TS 72 hour c switch 2-LS-0529 h 2-LS-0529C to I	F." The restora lity, non-license le COT proced ot required to e ompletion time of in the 2-LY-(oe repositioned)	ation step ed) ure. ensure the e to place 0529 I to the 2-
		The Unit Supervisor (utility, licensed) performed the sur actions had been completed to restore channels 2-L-05 channels were determined to be Operable and the Unit 2008, Reactor Operators (utility, licensed) performed ro annunciators or plant computer data are associated wit to the Reactor Operators performing the MCB walk dow level.	52 and 2-L-0529 Supervisor exite utine Main Contr h the alternate ch	to Operable statu d the LCO. Betwe ol Board (MCB) w hannel selected, it	us. At 1404, th een May 14 an valk downs. Sin was not readil	e d May 22, nce no y apparent

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On May 22, 2008 at 1120 hours, during a routine MCB walk down, a Reactor Operator (RO#3) (utility, licensed) noticed that hand switch 2-LS-0529C was in the incorrect position. At 1137 hours, hand switch 2-LS-0529C was positioned to the normal controlling channel 2-L-0552.

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NR	C FO	ure to TXX-08091 RM 366A		U.S.	NUCLEAR REG	ULATORY	COMMISS	ION
(9-2	2007)	LICENSEE EVENT I CONTINUATIO		· .	, , ,			
	со	1. FACILITY NAME MANCHE PEAK NUCLEAR POWER PLANT UNIT 2	2. DOCKET	YEAR	6. LER NUMBER	REV NO.	3. PAG	
	NAR	RATIVE (If more space is required, use additional copies of NRC Form	05000 - 446 366A) (17)	2008	002	00	<u>3 OF</u>	4
		Since P-14 for 2-L-0529 was inoperable for 8 days while and this exceeded the required completion time for placi within 78 hours per LCO 3.3.2 Condition I, this condition or condition which was prohibited by the plant's Technica	ng the channel i is reportable pe	n trip with r 10CFR	nin 72 hours o	r being in	Mode 3	
	E.	THE METHOD OF DISCOVERY OF EACH COMPONEL PERSONNEL ERROR	NT OR SYSTEM	I FAILUR	E, OR PROCI	EDURAL	OR	
		During a routine MCB walk down, a Reactor Operator (u in the incorrect position.	itility, licensed) n	oticed the	at hand switch	1 2-LS-05	29C was _.	
11.	со	MPONENT OR SYSTEM FAILURES			·		÷.	
	A.	FAILURE MODE, MECHANISM, AND EFFECT OF EAC	H FAILED COM		Г .	, ,		
		Not applicable – there were no component failures asso	ciated with this e	event.				
	В.	CAUSE OF EACH COMPONENT OR SYSTEM FAILUR	E					
		Not applicable - there were no component failures assoc	ciated with this e	vent.				
	C.	SYSTEMS OR SECONDARY FUNCTIONS THAT WER MULTIPLE FUNCTIONS	E AFFECTED B	Y FAILU	RE OF COMP	ONENT	S WITH	
		Not applicable - there were no component failures assoc	ciated with this ev	vent.				
	D.	FAILED COMPONENT INFORMATION						
		Not applicable - there were no component failures assoc	ciated with this e	vent.				
HI.	AN	ALYSIS OF THE EVENT			· · ·			
	Α.	SAFETY SYSTEM RESPONSES THAT OCCURRED						
		Not applicable - no safety system responses occurred d	luring this event.					
	В.	DURATION OF SAFETY SYSTEM TRAIN INOPERABIL	ITY		•	•		
		As discussed above, P-14 for 2-L-0529 was inoperable f incorrect position.	or 8 days while h	nand swit	ch 2-LS-0529	C was in	the	
			• •					

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Enclosure to	TXX-08091

	PRM 366A		U.S. N	UCLEAR REG	ULATORY	COMMISSION
(9-2007))			
		2. DOCKET		LER NUMBER		3. PAGE
cc	DMANCHE PEAK NUCLEAR POWER PLANT UNIT 2	05000 - 446	VEAR 2008	SEQUENTIAL NUMBER	REV NO. 00	4 OF 4
NAR	RATIVE (If more space is required, use additional copies of NRC Form		<u> </u>			
C.	SAFETY CONSEQUENCES AND IMPLICATIONS OF T	HE EVENT				
	During the time frame that hand switch 2-LS-0529C was level P-14 trip function was inoperable per TS. The P-12 water level occurs in the SG: 1) trips the Main Feedwate Feedwater isolation signal. Steam generator narrow ran controlling channel to preserve the control system/protect logic in the presence of an assumed single active failure protection may be derived from a two of three coincident Narrow Range Level Channel), 2-L-0528 (SG 2-02 Protection (SG 2-02 Protection Set I Narrow Range Level Channel) During the time frame that 2-LS-0529C was in the 2-LY- L-0527 and 2-L-0528 remained Operable. Even though Condition I, it would still have been able to perform its tri condition did not occur on Unit 2. Since a failure of 2-L- signal would have been generated as required if a SG 2 period.	I signal provides r Pumps, 2) trips ge water level cl ction system isol. With 2-L-0552 logic from chan ection Set III Nari 0529 position (fr channel 2-L-052 p function. Duri 0529 did not occ	the followi the Main hannel 2-L- ation which as the con nels 2-L-05 row Range rom May 14 29 was tech ng this eve cur from Ma	ng functions Turbine, and 0552 is requ affects the trolling char 527 (SG 2-0 Level Chan to May 22, nnically inop nt, a SG 2-0 y 14 to May	s when a d 3) gener uired to b required nnel, the l 2 Protect nel) and 2008) ch erable pe 2 high-hi 22, 2008	high-high rates a e the protection P-14 level ion Set IV 2-L-0529 annels 2- or TS 3.3.2 gh level 3, the P-14
	Based on the above, it is concluded that the health and s this event has been evaluated to not meet the definition 10CFR50.73(a)(2)(v).					ition and
IV.	CAUSE OF THE EVENT					
•	The cause of this event was a RCS SG Liquid Level Har incorrect position due to a less than adequate restoration allow flexibility for various plant conditions, the restoration Reactor Operator to restore the switch to a position that in the TS.	n step in a Chan n step was vagu	nel Operati le and did r	onal Test pr not specifica	ocedure.	To the
V	CORRECTIVE ACTIONS					
	Immediate corrective actions included issuing a Shift Or requirements and to require use of Plant Status Control alignment.					
	As a part of the CPNPP Corrective Action Program, all I control switches will be revised to provide specific restor will be enhanced, and the Operations training material a reviewed to ensure that it adequately addresses TS imp	ation steps, labe ssociated with th	eling on the	SG level co	ontrol han	d switches
VI.	PREVIOUS SIMILAR EVENTS					
	There have been no previous similar reportable events a	at CPNPP in the	last three y	ears.		

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