

NLS2018067 December 10, 2018

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

Subject: Licensee Event Report No. 2018-003-00 Cooper Nuclear Station, Docket No. 50-298, DPR-46

Dear Sir or Madam:

The purpose of this correspondence is to forward Licensee Event Report 2018-003-00.

There are no new commitments contained in this letter.

Sincerely,

Vøhn Dent, Jr. Vice President Nuclear-Chief Nuclear Officer

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Attachment: Licensee Event Report 2018-003-00

cc: Regional Administrator w/attachment USNRC - Region IV

> Cooper Project Manager w/attachment USNRC - NRR Plant Licensing Branch IV

Senior Resident Inspector w/attachment USNRC - CNS

SRAB Administrator w/attachment

NPG Distribution w/attachment

INPO Records Center w/attachment via ICES entry

SORC Chairman w/attachment

CNS Records w/attachment

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COOPER NUCLEAR STATION P.O. Box 98 / Brownville, NE 68321-0098 Telephone: (402) 825-3811 / Fax: (402) 825-5211 www.nppd.com

NRC FC	DRM 366			U.S. NU	CLEAR RE	GULATORY	COMN	IISSION	APPROVED BY	OMB: NO. 3150	-0104 E	XPIRE	S: 03/31/2020
(See F			LICENSEE EVENT REPORT (LER) Page 2 for required number of digits/characters for each block) IREG-1022, R.3 for instruction and guidance for completing this p://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1022/r3/)					block) eting this 022/r3/)	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 Information Service's Branch (T-2 F43), 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				
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	ility Na	i me clear Sta	ation						2. Docket Nu 05000298	mber	3. Page	4 _F	• • •
4. Title	-								00000230			1 of	<u> </u>
		e Failure	e Resu	lts in L	oss of S	afetv Fu	nction						
	Event D		6. LER Number			7. Report Date			8. Other Facilities Involved				
N dath	Davi	V	Veed	Sequenti	ial Rev	Month Day			Facility Name		Docket Number		
Month	Day	Year	Year	Numbe		Month	Day	Year			l c	5000	,
10	10	2018	2018	- 003	3 - 00	12	10	2018	Facility Name		Docket Number		
						- · · · ·	5000	-					
9. Operating Mode 11. This Report is Submitted Pursuant to the Requirements of 10 CFR §: (Check all that apply)													
			20.2201(b)			20.2203(a)(3)(i)			50.73(a)(2)	50.73(a)(2)(viii)(A)			
5		20.2201(d)			20.2203(a)(3)(ii)			50.73(a)(2)(ii)(B)		□ 50.73(a)(2)(viii)(B)			
			20.2203(a)(1)			20.2203(a)(4)			50.73(a)(2)(iii)		50.73(a)(2)(ix)(A)		
			20.2203(a)(2)(i)			50.36(c)(1)(i)(A)			50.73(a)(2)(iv)(A)		□ 50.73(a)(2)(x)		
10.	Power I	_evel	20.2203(a)(2)(ii)			50.36(c)(1)(ii)(A)			50.73(a)(2)(v)(A)		73.71(a)(4)		
			20.2203(a)(2)(iii)			□ 50.36(c)(2)			50.73(a)(2)(v)(B)		☐ 73.71(a)(5)		
	000		20.2203(a)(2)(iv) 50.46(a)(3)(ii)					50.73(a)(2)(v)(C)		73.77(a)(1)			
	000		20.2203(a)(2)(v)			50.73(a)(2)(i)(A)			∑ 50.73(a)(2)(v)(D)		73.77(a)(2)(i)		
						50.73(a)(2)(i)(B)			50.73(a)(2)(vii)		73.77(a)(2)(ii)		
			50.73(a)(2)(i)(C)					Other (Specify in Abstract below or in NRC Form 366A				366A	
Licensee Co	ntact					12. Lice	nsee Co	ontact for		Telephone I	Number (Include A	rea Coda	
		icensin	a Mana	ader						1 1	825-2788		<i>,</i>
					plete One l	Line for ea	ch Com	ponent Fa	ilure Describe	d in this Report			
Cau	lse	System	Compo	nent N	Manufacturer	Reportable	To ICES	Cause	System	Component	Manufacture	r Re	portable To ICES
	14.	_ Suppleme	ntal Rep	ort Expe	ected	_l					Month	 Day	Year
			te 15. Expected Submission Date) No				15. E	xpected Submi	05	31	2019		
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Aboliaci (L		io spaces, i.e		lately 14 S	ingle-spaced i	ypewnitten inte	-5)						
On September 29, 2018, at 20:53, Cooper Nuclear Station (CNS) commenced Refueling Outage 30 (RE30) and subsequently entered Mode 5 on October 2, 2018, at 02:41.										d			
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										om service an ind testing was			
										sted three time			
accep	tance c	riterion i	s 1202.	.8 psig	- 1277.2	psig. Th	ie as-fo	ound tes	ting result for	the first test v	vas 1278.6) psig.	. The
										63.2 psig, resp		ſechn	lical
Specit	ication	s Surveil	ance F	kequire	ment set	point crite	eria for	the safe	ety valves are	9 1240 +/-37.2	psıg.		
	onal evo									on and repair a) in a suppleme			

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NRC FORM 366A U.S. NUCLEAR REGUL				EVDIDE6.	2/24/2020	
(04-2018) LICENSEE EVENT R CONTINUATION (See NUREG-1022, R.3 for instruction and guidance the http://www.nrc.gov/reading-rm/doc-collections/nuregs/	SHEET	APPROVED BY OMB: NO. 3150-0104 EXPIRES: 3/31/2020 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 Information Services Branch (T-2 F43), 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			3. LER NUMBER		
Cooper Nuclear Station	05000-298		YEAR		REV NO.	
NARRATIVE			2018	- 003	- 00	
PLANT STATUS						
Cooper Nuclear Station (CNS) was ir	n Mode 5, Refueli	ng, at 0 percent power, at	t the time	of the event.		
BACKGROUND						
The pressure relief system includes t (SV) [EIIS:SB] which are located on t reactor vessel [EIIS:RPV] and the first against over pressurization of the nuc	he main steam lir st main steam isol	es [EIIS:SB] within the di ation valve [EIIS:ISV]. Th	rywell [EII ne SVs pr	S:NH], betwee ovide protection	en the on	
Technical Specification (TS) Limiting to be operable. The nominal set pres Surveillance Requirement (SR) 3.4.3	ssure and tolerand	eration 3.4.3 requires the ces for these valves are e	safety fur stablishe	nction of three d in CNS TS	SVs	
EVENT DESCRIPTION						
On September 29, 2018, at 20:53, CM Mode 5 on October 2, 2018, at 02:41	NS commenced R	Refueling Outage 30 (RE3	0) and su	ibsequently er	ntered	
During RE30 activities, MS-RV-70AR for as-found setpoint pressure testing performed at National Technical System	per station proce	dure. On October 10, 20	18, the a	s-found testing	off-site g was	
The valve was tested three times. Pe The as-found testing result for the firs the results being 1260.0 psig and 126	t test was 1278.6	psig. The second and th	202.8 psig) – 1277.2 psię were performe	g. ed with	
TS Surveillance Requirement setpoin	t criteria for the sa	afety valves are 1240 +/-3	87.2 psig.	·		
One SV is tested every outage and al three SVs shall be operable. The last of that test was within acceptance crit	t time MS-RV-70A	NRV was tested was in 20	addition, ⁻ 12 during	TS specify tha RE27. The r	t all esult	
The remaining two valves, MS-RV-70 pressure at NTS on November 1, 201 acceptance criteria.	BRV and MS-RV- 8 and October 30	70CRV were also tested , 2018, respectively. Bot	for as-fou h of these	und setpoint e valves passe	ed the	
The safety valve is currently at the tes CNS will provide additional event deta supplement to this Licensee Event Re	ails, the safety sig	ng completion of inspecti nificance, cause(s), and c	on and re corrective	pair activities. action(s) in a		
IRC FORM 366A (04-2018)				Bogo 2		

(04-2018)	ATORY COMMISSION	APPROVED BY OMB: NO. 3150-010)4	EXPIRES:	3/31/2020	
(See NUREG-1022, R.3 for instruction and guidance f http://www.nrc.gov/reading-rm/doc-collections/nuregs/	SHEET	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 Information Services Branch (T-2 F43), 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.				
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Cooper Nuclear Station	05000 000		YEAR	SEQUENTIAL NUMBER	REV NO.	
	05000-298		2018	- 003	- 00	
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