

yoke Weiter Power Company Theast Utilities Service Company Theast Nuclear Energy Company General Offices Seiden Street, Berlin Connecticut

P 0.BOX 270 HARTFORD. CONNECTICUT 06141-0270 (203)665-5000 March 17, 1993 MF-93-223

1622 I

Re: 10CFR50.73

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

Reference: Facility Operating License No. DPR-65 Docket No. 50-336 Licensee Event Report 93-003-00

Gentlemen:

This letter forwards Licensee Event Report 93-003-00 required to be submitted within thirty (30) days pursuant to 10CFR50.72(a)(2)(i).

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

care Stephen E. Scace

Vice President - Millstone Station

SES/HEB:dlr

Attachmont: LER 93-003-00

cc: T. T. Martin, Region I Administrator P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2 and 3 G. S. Vissing, NRC Project Manager, Millstone Unit No. 2

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NAC Form 365 (6-59)		US	NUCLEAR R	EGULATORY CO	MMSSION	-	1,9PP	EXPIRES	90: 3150-0104 /30/92	in anna All A franse mhain	or the statistics of		
	LICENSEE EVENT REPORT (LER) And Reports Manage Regulatory Commis- the Paperwork Reou Management and Bu				per response to comply with this tion receivest. 50.0 hrs. Forward ing burden estimate to the Records agement Branch (p-530). U.S. Nuclear ission Washington DC 20555, and to ouction Project (3155-6104), Office of Budget Washington DC 20503.								
FAOLITY NAME (1)	FACEJTY NAME (1) Millstone Nuclear Power Station Unit 2					DOCKET NUMBER (2) PAGE (3) 01510101013131610F 013							
TITLE (4)	Millsto	me Nuclear	Power St	ation Chit 2			0	5 0 0	0 3 3 6	1 0 1	0 0		
	ressure l	Safety Injec	uon Valve	Not at Pro	per Open	Posi	tion						
EVENT DATE (5) LER NUMBER (6) REPORT DATE (7)						OTHER FADILITIES INVOLVED (8)							
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MODE (9)	20.4	402 (b)		20 402101			60.73(a)(2)(w)		73.71(6)				
POWER					0.36(6)(1)		50.79(a)(2)(v)		73.71(c)				
LEVEL 41010) 20.4			(50.36(c).(2)			60.73.(a)(2)(viii		OTHER (Specify in Abstract below and in				
	20.4		X					(A)	Text NRC		36A)		
	20.4			.50.73(a)(2)(li)			50.73121121(000)	81					
20.405(a)(11(lv)				-50.73(a)(2)(iii)			50-73 (a) (2) (K)						
an angle data salah sara sa ing data da salah si				CENSEE CONTA	OT FOR TH	S LER	(12)		TELEPHONE NO				
								AREA CODE	TELEPHICINE INL	(1/(2) C -1			
Harvey Beeman, Engineer, Ext. 5638							21013	414171 -	113	4			
	QC.	MPLETE ONE L	NE FOR EX	CH COMPONENT	FAILURE D	ESCRI	SED IN THE PER	ORT (13)	harred a second second second	hours and a second			
CAUSE SYSTEM OD	MPONENT	MANLPAÓ- TURER	REPORTABLE TO NPROS		CAUSE S	VETEN	COMPONENT		REPORTABLE TO NPROS				
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	and a second second	BUPPLEMENT	L REPORT E	SKPECTED (14)				EXPECTE	MONTH	DAY	YEAR		
VES (IT yes, complete EXPECTED SUBMISSION DATE) X ND						DATE (15)							

On February 17, 1993, at 0936, with the plant operating at 100% power, it was discovered that a mispositioned High Pressure Salety Injection (HPSI) valve would have rendered the Facility 1 HPSI system inoperable. This discovery was made while the Facility 2 Emergency Diesel Generator (EDG) had been removed from service to perform preventive maintenance. Operators took immediate action to restore the valve to its correct position in accordance with the time limits of Technical Specification 3.0.5. Subsequent investigation concerning the mispositioned valve resulted in the determination that since the condition existed at the start of the Facility 2 diesel outage, the requirements of Technical Specification 3.0.5 had been exceeded for a period of 1 hour and 26 minutes.

No further operator action was required.

(8-89)	LICENSEE EVENT REPORT (LE TEXT CONTINUATION	ULATORY COMMISSION	APPROVED CM8 NC 3150-0104 EXPIRES 4 30/92 Estimated burden ber response to compty with this into mation collection request 50.0 hrs. Forward comments rogarding burden estimate to the Records and Reports Management Branch (p-530). U.S. Nuclear Regulatory Commission Washington, DC 20555, and to the Paperwork Reduction Project (3/50-0104). Office of
FACILITY	(NAME (1)	DOCKET NUMBER (2)	Management and Budget, Washington, DC 20503. LER NUMBER (6) PAGE (2)
Millstone Nuclear Power Station Unit 2		0 5 0 0 0 3 3	MEAR SCALEMIAL NUMBER REVISION NUMBER 6 9 3 0 0 3 0 0 2 OF 0 3
TEXT (II)	nore space is required, use additional NRC Form 366A s	n (17)	
$\mathbf{L}_{i} = \mathbf{c}$	Description of Event		
		ction (HPSI) valve w made while the Facil	ould have rendered the Facility 1 HPSI ity 2 Emergency Diesel Generator (EDG) had
	mjection valves (2-SI-647) on the Fac beyond the intended open position indi- (at 0505 on February 17, 1993) to whi de-energized and a Plant Incident Rep- maintained this system in an operable s Engineering, it was subsequently conclu-	ality 1 HPSI system a cator. In accordance at appeared to be the ort was initiated as re- status. As the result ded that the valve hu- id. Therefore the re-	chnical Specification 4.5.2.e.1, one of four procared to open approximately 1/2 turn with SP 2604E, this valve was repositioned correct position. The motor actuator was equired by procedure. These actions of investigation by both Operations and Plant id been repositioned to the remnants of a positioning which had occurred at 0505 in
		preventive maintenan	actilities were operable, the Facility 2 EDG ice at $\partial 610$. The plant entered Technical
	At 0936, upon discovery of the mispos original position and verified the correc actions were required	itioned valve, Operati it position of the rem	ions immediately returned the valve to its aining injection valves. No further operator
	plant had (as concluded by subsequent This requirement allows an emergency provided that all redundant facility syst	investigation) operate power source to be n ems are operable. On westigation into the to were not satisfied for	iesel generator out of service) was that the ed outside of Technical Specification 3.0.5 emoved from service for a given facility perations not meeting this requirement is ime at which the valve was mispositioned in a period of 3 hours and 26 minutes
	During this time period, the Facility 1 provided only approximately 95% of th		ave functioned as intended but would have echnical Specification 4.5.2.f.
П.	Cause of Event		
	to be removed from service for prevent Specification 3.0.5 is based on subsequ	tive maintenance. The ent investigation after redural guidance to a	ed, the operators correctly allowed the EDG ne operation outside of Technical r finding the mispositioned valve. The root naicate where the latest set of marks were
ш.	Analysis of Event		
	This report is being submitted pursuant or condition prohibited by the plant's		of $10CFR50.73$ (a)(2)(i)(B), "Any operation ns".
	As outlined above, actual operator acti- based on the information available at t this condition being administratively rep	he time. Subsequent	within Technical Specification requirements investigation into the valve position results in

U TEXT // mor	hillstone Nuclear Power Station nit 2 respace is required use additional NPIC Form 366A s) Although this event deals with the Emery safety consequences. The Facility 1 HPI approximately 95% of the required flow power was always available. There were the plant safety systems. All other Safet period. <u>Corrective Action</u> Upon discovery of the error, valve 2–SI- position of all other injection valves were In order to prevent recurrence, the man	DOOKET NUMBER (2 0 5 0 0 0 0 (17) gency Core Cool S1 system would rate. The Facili no plant transie y Injection comp -647 was immed	informa comme and Re Regun Ine Pai Marzo YEA 3 3 6 9 ing System have funct ity 2 HPSI ents in progi ponents ren	ILER A BECCS ICCCS I	ation reque ding burden wegement B mission, Wi eduction Pr eduction Pr eductio	PEYTERON NUMBER 0 0 0 were onl ed and p rable sinc vere no c	Ferva the Flec 0 U.S. 0 20655 0 1041 Do 2065 0 1041 0 2 2065 0 1041 0 2 3 0 1 3 y min rovide te nor challer	Indexession Nuclear Sand to Office of PAGE (OF 0 imal id mal id mal inges 10
M Ui TEXT 19 mos	hillstone Nuclear Power Station nit 2 respace is required use additional NPIC Form 366A s) Although this event deals with the Emery safety consequences. The Facility 1 HPI approximately 95% of the required flow power was always available. There were the plant safety systems. All other Safet period. <u>Corrective Action</u> Upon discovery of the error, valve 2–SI- position of all other injection valves were In order to prevent recurrence, the man	0 5 0 0 0 0 (17) gency Core Cool SI system would rate. The Facili no plant transie y Injection comp -647 was immed	a a f a g wEA bing System have funct ity 2 HPSI ents in prog ponents ren	3 0 (ECCS soned a system ress and), there was ope d there v	et and prable since	0] 3 y min rovide ce nor thalier	OF 0
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TV.	safety consequences. The Facility 1 HPI approximately 95% of the required flow power was always available. There were the plant safety systems. All other Safet period. Corrective Action Upon discovery of the error, valve 2–SI- position of all other injection valves were in order to prevent recurrence, the man	\$1 system would rate. The Facili no plant transie y Injection comp -647 was immed	have functi ity 2 HPSI ints in prog poments ren	ioned a system ress arii	s intend was ope i there v	ed and p rable sinc vere no c	rovide se nor shaller	nd mal nges 10
	Upon discovery of the error, valve 2-SI- position of all other injection valves were in order to prevent recurrence, the man		iately return					
	position of all other injection valves were In order to prevent recurrence, the man		iately return					
					its corre	a positio	n and	the
	has been reviewed and a less error pron- alignment tool and an external marking i on all ECCS throttle valves identified in Additionally. Surveillance Procedures SP alignment tool/marking rings and to more does not open to the desired mark.	e method has be nng. Marking r Table 4.5-1 of 2604F & SP 26	en develop ings have b the Technic 504F have 1	ed. Th een der al Sper seen re	is metho signed, fr affication vised to	od utilize abricated Require reflect th	s an and i ments ie use	installed of the
Ŋ. 1	Additional Information							
	There were no failed components.							
	Similar LERs: None							
	EIIS Codes:							
	BQ INV L200 (HPSI Injection Valve) EK DG F010 (Emergency Diesel Genera							