Northeast Nuclear Energy

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The Northeast Utilities System Donald B. Miller Jr., Senior Vice President – Millstone

## Re: 10CFR50.73(a)(2)(v)

August 28, 1995 MP-95-269

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 95-029-00

This letter forwards Licensee Event Report 95 - 029 - 00 required to be submitted within thirty (30) days pursuant to 10 CFR50.73(a)(2)(v).

Very truly yours,

NORTHEAST NUCLEAR ENERGY GOMPANY

Donald B. Miller, Jr. Senior Vice President – Millstone Station

DBM/MP:Ifg

Attachment: LER 95-029-00

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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TITLE (4)         Potential Inadequate Cooling Water Flow to Engineered Safety Features Rooms           EVENT DATE (5)         LER NUMBER (6)         REPORT DATE (7)         OTHER FACILITIES INVO           MONTH         Day         YEAR         SEQUENTIAL         REPORT DATE (7)         OTHER FACILITIES INVO           MONTH         Day         YEAR         SEQUENTIAL         REPORT DATE (7)         OTHER FACILITIES INVO           MONTH         Day         YEAR         SEQUENTIAL         REPORT DATE (7)         OTHER FACILITIES INVO           07         28         95         95         -         029         00         08         28         95           07         28         95         95         -         029         00         08         28         95           07         28         95         95         -         029         00         08         28         95           07         28         95         -         029         00         08         28         95         Facility NAME         DOC           07         28         95         -         029         00         03         50.73(a)(2)(M)         50.73(a)(2)(M)	OLVED (8) CKET NUMBER CKET NUMBER PCK ONE OF MORE) (11) 73.71(0) 73.71(0) 73.71(0) OTHER edfy in Abstract w and in Text NBC
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20.405(a)(1)(iv)     50.73(a)(2)(ii)     50.73(a)(2)(iii)(b)       20.405(a)(1)(iv)       20.405(a)(1)(iv)       20.405(a)(1)(iv)       20.405(a)(1)(iv)       50.73(a)(2)(iii)       TELEPHONE NU       ILICENSEE CONTACT FOR THIS LER (12)       AME       TELEPHONE NU       (20.3) 440       COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)       IAUSE SYSTEM COMPONENT MANUFACTURER       REPORTABLE TO NPRDS       CAUSE SYSTEM COMPONENT MANUFACTURER       SUPPLEMENTAL REPORY EXPECTED (14)       EXPECTED SUBMISSION DATE)       X       NO	w and in Text NRC
20.405(a)(1)(v)     50.73(a)(2)(ii)     50.73(a)(2)(vil)(B)     Form:       LICENSEE CONTACT FOR THIS LER (12)       TELEPHONE NU       OUTPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)       COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)       CAUSE SYSTEM COMPONENT MANUFACTURER       SUPPLEMENTAL REPORT EXPECTED (14)       EXPECTED SUBMISSION DATE)       YES     ff yes. complete EXPECTED SUBMISSION DATE)	n 366A)
LICENSEE CONTACT FOR THIS LER (12)         TELEPHONE M.         Philip J. Lutzi, Nuclear Licensing         COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         COMPONENT         MANUFACTURER         System       Component       MANUFACTURER         SUPPLEMENTAL REPORT EXPECTED (14)       EXPECTED SUBMISSION DATE)         Yes       MO       SUBMISSION DATE)	
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YES EXPECTED SUBMISSION DATE) X NO SUBMISSION DATE) DATE (15)	CTURER TO NPRDS
DATE (15)	MONTH DAY YEAR
On July 28, 1995, at 1600 hours, with the plant in Mode 4 operation, it was determined that insuffici Building Closed Cooling Water (RBCCW) flow would be provided to each Engineered Safety Featur ventilation system heat exchanger (two total) following a Sump Recirculation Actuation Signal (SRA potential deficiency of RBCCW flow to the ventilation system heat exchangers could cause the desitemperature of 140 degrees Fahrenheit to be exceeded. Exceeding this temperature for an extended time would shorten the service life of the HPSI, LPSI and containment spray pump motors.	ures (ESF) room AS). This
Sufficient RBCCW flow to the ESF Room Heat Exchangers has been established by repositioning the throttle valves and revising the required procedures. This event is reportable under the criteria of 10CFR50.73(a)(2)(v), "Any event or condition that above prevented the fulfillment of the safety function of structures or systems that are needed to mitigate the consequences of an accident."	ve could have

*	LICENSEE EVENT REPORT ( TEXT CONTINUATION	LER)	APPROVED BY OMB NO. 3150-0104 EXPIRES: 5/31/95 ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATI COLLECTION REQUEST 50.0 HRS. FORWARD COMMENTS REGARDI BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEME BRANCH (MINBS 77.14). U.S. NUCLEAR REGULATORY COMMISSIC WASHINGTON. DC 20556-0001. AND TO THE PAPERWORK REDUCTK PROJECT (3150-0104). OFFICE OF MANAGEMENT AND BUDG WASHINGTON. DC 20503								RDING EMENT SSION, CTION
FACILIT	Y NAME (1)	DOCKET NUMBER (2)	L		LER	NUMBER	R (6)		PA	GE (3)	(3)
	Millstone Nuclear Power Station Unit 2	05000336		YEAR	SEQUENTIAL NUMBER		L	REVISION			
TEXT	If more space is required, use additional contact of NDC Econo Sec. 1.17	1		95		029	_	00	02	OF	03
ТЕХТ I. I. II.	<ul> <li>(If more space is required, use additional copies of NRC Form 386A) (17)</li> <li>Description of Event</li> <li>On July 28, 1995, at 1600 hours, with the would be provided to each Engineered S total) following a Sump Recirculation Act</li> <li>During an Engineering Investigation into operations concern about an offscale RE determined that the throttle setting of dis RBCCW flow to the "B" ESF Room Heat ESF room heat exchangers during a SRAS RBCCW system and NUSCO calculation Inservice Test IST 94 – 054, the valve throt a SRAS. Results of IST 94 – 054 also ind Heat Exchanger) following a SRAS. It was assumed that during a SRAS condition the and Containment Spray Pumps would be ESF Heat Exchanger would not be require (EOP) 2532, Rev. 13, "Loss of Primary Co Containment Spray Pumps while in sumptemperatures, requiring the full 60 gpm of throttle valves on X – 36A and X – 36B, an Room Heat Exchangers following a SRAS changes and the heat exchanger dischar There were no automatic or manually initt Cause of Event</li> <li>Original design assumptions concerning injection pump operation following a SRAS Analysis of Event</li> <li>Based on event investigation, this event is or condition that above could have prever</li> </ul>	e plant in Mode 4, Safety Features (ES tuation Signal (SR) both a high tempe 3CCW flow indicati scharge valve 2–R Exchanger followin AS is 60 gpm each 93 – FFP – 1083ES title setting would 1 icated that only 53 as also determined here would be a re e off with only a HF red during a SRAS colant", does not p o recirculation ope cooling to the ESF rt Engineering ask additional full turn S. Operations pers ge throttle valves v iated safety system required RBCCW AS were not adequ	SF) roo AS). erature ion to the B – 69B ng a SF ng a S	alarm he "B" 3 would RAS. d on th ed on th ed on th rovide would ne orig room mp op ever, E e the p This xchan eration sure ac made positio	tilation in the ESF d not The re- d onl be pro- the re- d onl be pro- inal pheat eration gers is to dia dequa the a possi would gers is to dia dequa the a possi of the re- d onl be pro- inal pheat eration in the re- d onl be pro- inal pheat eration is to dia dia dia dia dia dia dia dia dia dia	e "B" Roor have equire ocess sults y 48 g ovide load g), so gency transf from te RI ppro acco esult	ESI m cc ed fin fror gpm ed fi fror gpm d tc arch in e o thi / Op of re e thi the BCC pria rd in of tt	F Room a boler, it w by deagram m perform to X – 36A bitect, Be ach ESF e full 60 g berating e ESF roo RBCCW respectiv CW flow t te proce- igly. he event.	chang and ar ras ifficien e "A" 8 m for t nance SB foll ('A' E chtel, room system ve disc o the dure and sa "Any	ger (tv n nt % "B" the e of lowing SF o eac dure PSI ar m. charg ESF afety	l h e
	that are needed to mitigate the conseque The existing reduced RBCCW flow to the caused an immediate failure of any of the how long it existed would determine how shortened. Based on the as-found flow	ESF room heat ex	change ow high	h the te	empe	ratur	e in	crease w	as an	d for	

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NRC (5 *9	Form 366A U.S. NUCLEAR REGULATO LICENSEE EVENT REPORT (LE TEXT CONTINUATION		APPROVED BY OMB NO. 3150-0104 EXPIRES: 5/31/95 ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATIC COLLECTION REQUEST 50.0 HRS FORWARD COMMENTS REGARDIN BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMEN BRANCH (MNBB 7714), US NUCLEAR REGULATORY COMMISSIO WASHINGTON, DC 20565-0001 AND TO THE PAPERWORK REDUCTIO PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGE WASHINGTON, DC 20503.								
FACILI	TY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6) P						AGE (3)		
	Milletone Nucleos Deurs Custo			YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					
	Millstone Nuclear Power Station Unit 2	05000336		95	- 029 -	00	03	OF	03		
EXT	(If more space is required, use additional copies of NRC Form 366A) (17)		NY X & Second Street Street					-			
	cooler at 66 gpm under normal operating c IST -94-054 in June, 1995, 66 gpm at norm approximately 48 gpm under sump recircul room cooler would have provided approxim operation. Both are unacceptable based of engineering evaluation of the test results of X-36B discharge valves should be set to p order to provide a minimum of 60 gpm und have been positioned accordingly.	mal operating c lation operation nately 53 gpm to n the current de ptained per IST- provide greater t	ondition The n the 'A sign ba -94-0 han 80	ns wol ormal cool asis ca 54 det	uld have corre operating se er under sum alculation 93 – ermined that under normal	esponded tting for ti p recircul -FFP-10 the X-36 BBCCW	to he "A" ation 83ES. A and lineur	ESF An			
IV.	Corrective Action										
	Immediate corrective action was to reposition would provide the proper RBCCW flow follow	on coolers X-30 wing a SRAS.	6A and	X-36	B discharge	valves so	that th	төу			
	This reportable condition is a result of decis Basis Documentation Packages and implem mechanism to document, find and correct o	nentation of a sy	/stem e	naine	ering program	f System n has est	Desig ablish	n ed a			
V.	Additional Information										
	Similar LERS - 95-003-00										
	EllS Codes										
	Containment Spray System Residual Heat Removal/Low Pressure Safety High Pressure Safety Injection System Closed/Component Cooling Water System	y Injection Syste	эm		BE BP BQ CC						