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November 21, 1990 MP-90-1244

Re: 10CFR50.73(a)(2)(i)(B)

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

Reference: Facility Operating Licerse No. DPR-21 Docket No. 50-245 Licensee Event Report 90-017-00

Gentlemen:

This letter forwards Licensee Event Report 90-017-00 required to be submitted within thirty (30) days pursuant to 10CFR50.73(a)(2)(i)(B).

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: Stephen E. Scace Director, Millstone Station

BY: Carl H. Clement

Millstone Unit 3 Director

SES/EAB:Ijs

Attachment: LER 90-017-00

CC: T. T. Martin, Region I Administrator
W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2 and 3
M. Boyle, NRC Project Manager, Millstone Unit No. 1

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LICENSEE EVENT REPORT (LI		ARPRIOVED OMB NC 3150-0104 EXPIRES 4/30/02 Estimated burden per response to comply with this information bollection request 50.0 hrs. Forward comments regarding burden estimate to the Records and Reports Management Branch (p-530). U.S. Nuclear Regulatory Commission Washington, DC 20565, and to the Paperwork Reduction Project (3150-0104). Office of Management and Budget. Washington, DC 20503 DOCKET NUMBER (2) PAGE (3) 0 5 0 0 0 0 2 4 5 1 0 F 0 3								
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LEVE 100 20.406(a)(1)(ii)	60-36(c)(2)	and the second	50.73. (a) (2) (vii)	1.1	73.71(c) OTHER (Specify in					
20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(v(ii))	(A)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)					
20.405(a)(1)(iv)	50.73(a)(2)(ii)	_	50.73(a)(2)(v(ii))	(B)						
20.405(a)(1)(iv)	50 73(a)(2)(III) CENSEE CONTACT FOR T		50.73(a)(2)(x)							
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Eric A. Bennett, Engineer, Ext. 5195				AREA CODE	4 4 7 - 1 7 9					
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YES (If yes complete EXPECTED SUBMISSION DATE)	X NO			DATE 115	N					
At approximately 1100 spaces, i.e. approximately fifteer On October 22, 1990, at 1545 hours with the Steam Line Radiation Monitor trip setpoints At approximately 1100 hours on the same day margin to the trip, while an exhausted Fuel 9 resin transfer line runs in the vicinity of the r bed transfers. The normal full power backgr procedure SP 406C. Main Steam Line Radiat This procedure error resulted in setting the t At 1545 hours, upon discovery of the out of s setpoints were immediately reset to within Te Radiation Monitor trip setpoints were out of levels remained essentially constant, and wel consequences resulted from this event.	n single-space typewritten plant at 100% power were determined to t v, the setpoints on the cool Demineralizer re radiation monitors an- ound value specified tion Drawer Calibrati- rip setpoint above the specification condition succification (approx	(530 de be abov e radiat sin bed d has p by the on, was e Techr 1, the N Limits	egrees Fahrer ve the Technic tion monitors I was transfer previously cau resin bed trans a not appropri- nical Specifica Main Steam L S. During the	theit and 10 cal Specifics had been r red to the s sed increas after section iate for the ation limit. ine Radiati time the N)30 psig), the Main ation 3.2.A Limit. aised to maximize the Spent Resin Tank. The ed reading during resin n of surveillance current fuel cycle. on Monitor trip Iain Steam Line					

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(6+89)	LICENSEE EVENT REPORT (LEF TEXT CONTINUATION		EXPIRES # 30.122 Estimated burden per response to comply with this information collection request 50.0 hrs. Forware comments regarising 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 (3.150-0104). Office of Management and Budget. Washington. DC 20503
FACILIT	Y NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6) PAGE (3)
	Millstone Nuclear Power Station Unit 1	0 5 0 0 0 2 4	YEAR SECURITIAL REVISION NUMBER NUMBER 5 910 01117 010 012 OF 013
TEXT (II	more space is required, use additional NRC Form 366A s.		
1.	Description of Event		
	On October 22, 1990, at 1545 hours w 1030 psig), the Main Steam Line Radia Technical Specification 3.2.A Limit.	ith the plant at 100% tion Monitor trip setp	power (530 degrees Fahrenheit and joints were determined to be above the
	to maximize the margin to the trip, whi to the Spent Resin Tank. The resin tra	le an exhausted Fuel insfer line runs in the ing resin bed transfer on of surveillance pro appropriate for the cu	rrent fuel cycle. This procedure error
	the Main Steam Line Radiation Monito	reset to within Tech r trip setpoints were o vels remained essenti	ndition, the Main Steam Line Radiation hical Specification Limits. During the time but of specification (approximately five (5) ally constant, and well below the Technical ed from this event.
	set based upon the background radiatio located in the steam tunnel area of the for the high radiation trip to be \leq 7 tim Calibration, is performed upon reaching	normal full power bac element failure. The n in the area of the n Reactor Building). Thes NFPB. SP 406C, g 100% power following expround radiation are	kground (NFPB). An increase of this e Main Steam Line Radiation Monitors are nonitor ion chambers (The ion chambers are rechnical Specifications requires the setucint
	(Revision 14) had required the "NORN	AL" trip point to be	2700 mR/hr, which corresponds to
	(Revision 15) to reflect the lower back 2000 mR/hr. However, the trip setpon	to be 320 mR/hr. I ground reading and th nt for the resin bead ted in erroneously set	the "NORMAL" trip setpoint was lowered to transfers was not changed from 3000 mR/hr
П.	Cause of Event		
	section of the procedure. However the	e current fuel cycle (e Resin Transfer porti radiation levels. An	ocedure review. SP 406C was revised to 320 mR/hr) in the "NORMAL" trip setting on of the procedure continued to reflect the adequate procedure review would have P 406C.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION			Estimated burden per response to comply with this information collection request 50 0 nrs. Porward comments regarding 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 (3150-0104). Office of Management and Budget. Washington, DC 20503.										
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TEXT IN	more space is required use additional NRC Fo	rm 366A s) (17)		herest			-	-	and a		-	hd-s	
III.	Analysis of Event												
	This event is being reported in any operation or condition prof Specification 3.2. A <u>Primary Con</u> Instruments to be set at ≤ 7 tim Main Stam Line Padictor Main	ibited by the plant Techni ntainment Isolation Functiones normal rated power back	cal Sp ins re kgrou	quir quir und	icati es F Du	ons. 1 ligh Ra aring ti	Millst idiatione pe	one U on Ma riod i	init ain n v	t 1 T Stear which	echni mline	cal	

IV. Corrective Action

The Main Steam Line Radiation Monitor trip setpoints were reset to the correct "NORMAL" trip setpoints.

did not change, and therefore no safety consequences resulted from this event.

Main Steam Line Radiation Monitor trip settings were improper, the Main Steam Line Radiation levels

Recent experience has shown there are no large increases in radiation levels during resin bead transfers, and therefore no need to raise the trip setpoint during resin bead transfers. Based on this, SP 406C was updated to remove the Resin Bead Transfer section of the procedure. This has eliminated the need to change both sections of the procedure in the future should background radiation levels change.

A review will be conducted to ensure programmatic control of cycle dependent parameters. This review will be completed prior to startup following the next refuel outage.

Personnel involved have been briefed to ensure they consider how a change to one section of a procedure, can effect other sections of the procedure or other related procedures.

V. Additional Information

There were no previous similar events.