

General Offices Seiden Street, Berlin Connecticut

P.O.BOX 270 HARTFORD. CONNECTICUT 06414-0270 (203)665-5000

Re: 10CFR50.73(a)(2)(i) February 19, 1991 MP-91-156

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

Reference: Facility Operating License No. NPF+49 Docket No. 50-423 Licensee Event Report 91=001=00

Gentlemen:

This letter forwards Licensee Event Report 91-001-00 required to be submitted within thirty (30) days pursuant to 10CFR50 73(a)(2)(i), any operation or condition prohibited by the plant's Technical Specifications.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Hephen . leace Stephen E. Scace

Director, Millstone Station

SES/RK:mo

Attachment. LER 91-001-00

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

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HURIC For	W 206A U.S. NUCLEAR - 10	WATORY COMMERCIN			Contract And And A	4,74	EXP	CHAD LE E	NO 218 4 30 82	0+0166							
	LICENSEE EVENT REPORT (LER) TEXT CONTINUATION					Estimated burrier per response to comply with this information collection requisit 50.0 hts. Forward comments requiring burger estimate to the Records and Reports Management Branch (p=530), U.S. Nuclear Reputatory Dominiation, Viastington, DC 20555, and to the Reports Republich Project (2150-2166), Othics of Management and Burget, Washington, DC 20503											
PAOLITY	x ⁺ 8440AE (3.)	DOCKET NUMBER (2)		L		1.5.1		F) (6	Teers/mark		11 j.	24 (8)					
	Millistone Nuclear Power Station			-	DAR .	-	FLEMELER		NUMBER								
	Common and the second s	0 6 0 0 0 4 2	13	L	11	1	0 0	1	010	0.1.2	OF	013					
I.	Description of Event																
	for any operation of the second secon	Second Second Second															
	verification of the beta scintillation rac plant Technical Specification. The dis notified Instrumentation & Controls De station. The affected radiation detects Range Monitori and 3HVQ*RE49 (Er notification, shift supervisory personne into Limit ²¹ addition of Operation (Monitoring Instrumentation. This LCO with analysis of those grab samples con	liation detectors, did n crepancy was discover- epartment personnel of ors are 3HVR*RE10B bgineered Safeguards B 1 immediately declared LCO) Action Statemen O Action Statement re- mpleted within 24 hour	ed (Ra (Ra uili th th qui rs	afi easi dir ie is is is iren	eet th ter th milar ator F ig Ve affect 3.3.10 s initi to oth	ie f inc plar mil ed): I ati(equirer ident a ident a lation V detecto ladicas in of 1 immed	nen NR ilati ilati ven ven tive 2 h liate	ts of th C resid nother on Ver Moni inopera Gased our gra action	ie app ient in nuclea tor), ible au us Eff b sam i was	ilicab spect mal Upor nd lo fluent pling requi	le or wer 1 gged red.					
11.	Cause of Event																
	The root cause of this event is proced 3HVR*RE10B and 3HVQ*RE49 utiliz delector operability. This method veri detector to a light emitting diode (LEI specifically for performing source chec Specifications as "the qualitative assess radiation." The manufacturer's recom-	ural inadequacy. The ed a manufacturer rec files correct detector re D). LEDs are built int ks. However, a source ment of channel respo imended method did n	sut om sspi of e c onsi onsi	nve on 3H he e v	illanc se by VR*1 ck is vhen pose	e p ex REI de the	orocedu ocedu posure 0B an fined ii chanr detec	tre of of d 3 h th tors	for sou or dete the bes HVQ*J e Plan sensor to rac	rce ch rminir a scin RE49 I Tech is exp iation	iecki ig tillati nical osed	on to					
m.	Analysis of Event																
	This event is being reported pursuant t Technical Specifications	to 10CFR50.73(a)(2)(Ð.,	ä5	a co	ndi	i on pr	ohit	nited b	the j	plant	8					
	This event had no significant safety co 3HVR*RE10B and 3HVQ*RE49 was n was in accordance with the equipment When the detector: were exposed to th an accurate response was obtained.	nsequences. Although not in surict compliance manufacturer's recom he radiation source as	i th e w me rec	ne ditt dist dist dist dist	mach 180	od pl'a fi	for der nt's Te or verif plant T	ern ichr yinj ech	nining o nical Sp g detec nical S	operab becific tor re- pecific	ation spons ation	of it it ie is,					
IV,	Corrective Action																
	The immediate corrective action was to the compensatory action required by t	o declare the affected he applicable Technica	rac 1 S	dia	tion d	deti	ectors i n	nop	erable	and	perío	rm					
	On January 18, 1991, the deficient su Specification requirements. A surveille January 18, 1991 at 1254 hours, at w	rveillance procedure w ance on the radiation hich time the detectors	as det w	ret	vised tors v e dec	to vas lare	meet p succes id oper	ilani sful abli	t Techi ly com e.	nical pleted	on						
	As long term corrective action, a chan manufacturer's recommended method	ige to plant Technical for verifying detector	Spe	eci era	ficati bility	ons is	to allo being o	ow i cons	ise of i idered	he							

NRC Form 1		REGULATORY COMMESION	APPROVED DMB N	0 2160-0104						
(6-80)	LICENSEE EVENT REPORT TEXT CONTINUATION	(LER)	EXPIRES 4:30/B2 Estimates turben per response to comply with this into-mation collection request 50,0 Hrs. Forward comments reparaling burden estimate to the Reports and Reports Management Branch (u=530), U.S. hubiege Reputatory Commission, Weshington, DC 20555, and to the Repetiver's Resouction Project (2550-0104), Office of Management and Budget, Washington, DC 20503							
FAOLITY N	ame iti illistone Nuclear Power Station	DOOKET NUMBER (2)	VEAR SECRET I	PAGE (2) EVERON NUMBER						
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TEXT (II mus	e space is required, use additional MRC Form 3	BBA &) (17)								
N	Additional Information									
	The following Licensee Event Repo Specification violations due to proc	rts (LERs) document simi edural inadequacy	r incidents in that they	are Technical						
	LER. Number 86=034 86=047 86=053 86=058 87=045 87=045 87=045 88=020 89=006 89=007 Ina	Subject Rad Monitor Sampler Flow OTdT Setpoint Intermediate Range Detector Setpoints Rad Monitor Surveillance Containment Air Lock Missed Intermediate Range/Power Range Surveillance Failure to Sample Diesel Fuel Oil For Kinematic Viscosity Improper Bypass Breaker Surveillance Missed Fire Detector Surveillance on Six Detectors Miscalculation of ESF Response Time Inadequate Equipment Load Shed Verification								
	Part of the corrective action for LI Specifications against their applicat	ER 87+042 was to perform ble surveillance procedures	a comprehensive review This was completed by	of all Technical y the end of 1985.						
	LER 88-020 was submitted to doc Breakers. This inadequacy was id 89-006 reported a deficient fire do comprehensive review. As correct surveillances verifying Technical St did not discover the deficiency best each fire zone detector group. LE of ESF response times. The proof therefore did not calculate ESF re This discrepancy was identified du Technical Specification violation, the fanure to verify certain compo- signal due to a deficient surveillan comprehensive review in 1988 was procedure a year earlier for differ- had been resolved, waived the cor- concluded that the method of revi- Technical Specifications review method	ument an inadequate survi- entified during the compre- stector surveillance for six ive action, a complete rev- becification requirements w cause the reviewer did not iR 89=021 discussed the u edures did not take into a sponse time in accordance ring the surveillance review. Therefore the event was r nents shed from their elec- ce procedure. In this case the same individual that ent reasons. He did note to preventive review of 198 ew that this individual app athods.	llance interval for the F ensive review discussed ire detectors, identified w of the fire detection is performed. The com- iccount for the number of inadequate procedu- tount slave relay actuati with the Technical Spec- but was not correctly but initially reported. LE ical busses in response the individual assigned as assigned to review the e discrepancies in 1987 based on his earlier re- ied was not representation	Reactor Trip Bypass above. LER after the and control system iprehensive review of detectors within uses for calculation ion time, and cification definition identified as a ER 90=007 reported to a Loss of Power to do the hat same surveillance ', and, assuming they view. It was ive of the overall						
	Pertaining to the event discussed in 1988 did verify a source check was source check surveillance method section of plant Technical Specific	in this LER, the individual is performed in the process used with the requirement ations. This incident is v	hat reviewed the defici- ire. However, he did r of a source check four wed as an isolated case	ent procedure in not compare the nd in the definitions for that reason.						
	EIIS Codes Radiation Monitoring System - IL	<u>Components</u> MON ~ Monitor								
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