

EDISON DRIVE • AUGUSTA, MAINE 04330 • (207) 622-4868

February 4, 1994 MN-94-11 JRH-94-23

UNITED STATES NUCLEAR REGULATORY COMMISSION Attention: Document Control Desk Washington, DC 20555

Reference: (a) License No. DPR-36 (Docket No. 50-309)

Subject: Maine Yankee Licensee Event Report 94-001, Control Room Ventilation System Inoperable During Preventative Maintenance

Gentlemen:

Please find enclosed Maine Yankee Licensee Event Report 94-001. This report is submitted in accordance with 10CFR50.73(a)(2)(i).

Please contact us should you have any questions regarding this matter.

Very truly yours,

James Q. Debert

James R. Hebert, Manager Licensing & Engineering Support Department

JVW/jag

Enclosure

c: Mr. Thomas T. Martin Mr. J. T. Yerokun Mr. E. H. Trottier Mr. Patrick J. Dostie

150108

L:\94mm\9411

9402180188 940204 PDR ADDCK 05000309 S PDR

NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION							APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95						
(See reverse for required number of digits/characters for each block)							ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.						
FACILITY NAME (1) Maine Yankee Atomic Power Company								DOCKET NUMBER (2) 50-309				PAGE (3) LOF 2	
TITLE (4)			/entilation S			bla	durain	0.000	ontativo d	alintan	2000	
EVEN	NT DATE	Trans. P. Mar. N. T. T.	Koom I	LER NUMBER (6)	The second		RT DATE		y prev	OTHER FACIL	and the statement and increases	and the lot of the lot	(8)
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME DOCKET N				
01	05	94	94	001	00	02	04	94	FACILITY NAME			DOCKET NUMBER	
OPERA MODE		7		EPORT IS SUBMITTE 402(b)	D PURSUANT	TO THE 20.405(EMENTS	OF 10 CE	0 CFR §: (Check one or more) 50.73(a)(2)(1v)) 71(h)
provide and provide the second	VER	100	d frankrike state and	405(a)(1)(i)	50.36(c)(1)				50.73(a)(2)(v				
LEVEL		100	20.405(a)(1)(11)			50.36(c)(2)			50.73(a)(ait)	OTHER	
[20.405(a)(1)(1+1) X			50,73(a)(2)(1)			50.73(a)(2)(v111)(A)		(Specify in Abstract below	
			and the second	and a second			50,73(a)(2)(11) 50,73(a)(2)(111)			50.73(a)(2)(x 50.73(a)(2)(x	a sea la prista espera de sinte estadore el serente	and in Text,	
-			1 124	405(a)(1)(v)	LICENSEE (de seus para a terrar a terrar de la companya de la	and a second s	Station in the	(12)	100/03/14/12/13	er einen sientige	NRC EC	rm 366A)
NAME	James	М. Т	aylor	, Senior Nucl	ear Saf	ety Er	ngine	er		TELEPHONE NUM (207) 882		lude Ar	ea Code)
			CO	MPLETE ONE LINE FO			FAILURE	DESCR	IBED IN	THIS REPORT (1	3)		
CAUSE	5851	EM C	OMPONEN	T MANUFACTURER	REPORTABL TO NPRD:		-	AUSE	SYSTEM	COMPONENT	MANUFAC	TURER	REPORTABLE TO NPRDS
			SUPPLEM	ENTAL REPORT EXPL	CTED (14)		a de por e trabajo de tras Secondo de Secondo de Sec		EXPECTED MONT			H DAY YEAR	
YES (if yes, complete			EXPECTE	D SUBMISSION DATE	X NO			SUBMISSION DATE (15)		N/A	N/A		
ABSTRAC	a nu	nit 18 1	400 apa	ces, i.e., approx	imately 15	single-	spaced	typewr	itten li	nes) (16)			
condi opene	tion, d for	both fan	trai maint	and on Febru ns of control enance. Open- ilation by al	room ving the	entila panels	ition s pre	were vents	made effec	inoperable tive isola	e when ation o	panel	s were
opera	ible w	hen t	he re	ification 3.2 actor is crit cations.									
panel	s aff		the	vent appears ventilation s									
				activities re lant is in co			remov	al of	these	e panels hi	ive bee	n scł	eduled
		and the second										-	
NRC FOR	M 366	(5+92)				and the second second second							

NRC FORM 366A (5-92)	U.S. NUCLEAR F	REGULATORY COMMISSION	APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95						
	LICENSEE EVENT REPORT (LER TEXT CONTINUATION	ESTIMATED BURDEN PER RESPONSE TO COMPLY WI THIS INFORMATION COLLECTION REQUEST: 50.0 HR FORWARD COMMENTS REGARDING BURDEN ESTIMATE THE INFORMATION AND RECORDS MANAGEMENT BRAN (MN88 7714), U.S. NUCLEAR REGULATORY COMMISSIO WASHINGTON, DC 20555-0001, AND TO THE PAPERWO REDUCTION PROJECT (3150-0104), OFFICE MANAGEMENT AND BUGGET, WASHINGTON, DC 20503.							
	FACILITY NAME (1)	DOCKET NUMBER (2)		LER NUMBER (6	PAGE (3)				
Maine Yankee	Atomic Power Company	50-309	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 2			
Traine Tankee	results rener company		94	001	00				

TEXT (if more space is required, use additional copies of NRC Form 366A) (17)

On January 5, 1994, during a maintenance planning meeting, plant personnel planning a maintenance activity on control room ventilation fans FN-11A&B determined that opening access panels to perform the work would make both trains of control room ventilation(VI) inoperable. Control room ventilation is designed to be isolated from the environment in the event of an accident requiring safety injection and/or containment isolation. With either panel open the ventilation system would not isolate from the environment making the system inoperable.

A review of maintenance records indicated that on January 13, 1992 and again on February 12, 1992 the access panels for fans FN-11A and FN-11B were opened with the plant in a power operation condition. As Technical Specification 3.25.B requires two trains to be operable while the reactor is critical, a condition prohibited by Technical Specifications existed for a short period of time.

In order for this event to create adverse consequences a design basis accident would have had to occur while the panels were open. Records indicate that the panels were open for a maximum of eight hours for each occurrence.

The cause of this event appears to have been a failure to recognize how opening the panels affected the ventilation system and not having the activity classified as a cold shutdown activity.

In order to prevent recurrence of this event, planned maintenance activities for fans FN-IIA and FN-1IB have been scheduled for times when the plant is in cold shutdown by classifying preventative maintenance activities for FN-11A and FN-IIB as cold shutdown activities.

Other similar events, none of which involve FN-11A or FN-11B, include LER 88-007 which involved a design deficiency and LERs 92-011, 93-002, 93-012 and 93-022 which involve compromising both trains of control room ventilation by opening a panel to change a filter.