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

I. Description of Event

On June 28, 1996 with the unit in mode 5 of an extended cold shutdown, a review of the Inservice Test (IST) Program was completed. This review identified multiple Inservice Test Program deficiencies which consist of incomplete implementation of several licensing commitments, the omission of several valves and specific testing for valves already in the program, inconsistent or missing documentation in the Inservice Test Manual and IST surveillance procedures, and lack of adequate process control procedures which would ensure effective maintenance of the program. The initial identification of these deficiencies was made during the 50.54f review effort of the Inservice Test Program in June 1996.

In accordance with the Northeast Utilities Configuration Management Plan, the Inservice Test Program was reviewed to support unit startup. The focus of the review was concentrated on 1) identification of Inservice Test Program licensing commitments, 2) a review of implementing procedures for each component in the program, including those components and additional testing identified in the IST Bases Document, 3) a sample audit review of component test methods of selected systems and 4) a review of Inservice Test Program process controls.

The Inservice Test Program review was conducted over a several week period in June 1996. The deficiencies identified consist of several issues in which corrective actions are considered necessary prior to unit startup. The other issues have been identified as long term which are primarily enhancements to the program which will be prioritized accordingly. The following items were identified as deficiencies in the IST Program:

A. Use of Root Mean Square (RMS) Vibration Values and Comparison to a Single Point

This item is being reported since the original IST Program Safety Evaluation Report (SER) states that "ANSI/ASME OM-6, draft 10, provides a set of allowable ranges for pump vibration velocity measurements that has been found to be acceptable by the NRC". The (SER) granted relief from pump vibration amplitude measurement and allowable range requirements of Section XI of the Code of the American Society of Mechanical Engineers (ASME), provided that pump vibration velocity measurements were performed in accordance with draft 10 of ANSI/ASME OM-6 which specifies acceptance criteria in peak values. The relief request and SER referenced the pump vibration acceptance criteria as root mean square (RMS) and as a result the Inservice Test program specified acceptance criteria in RMS rather than in peak values.

The ANSI/ASME OM-6 code also requires that velocity measurements must be compared at multiple points and must not exceed absolute values. Although multiple points were taken, only one vibration point was compared to the reference value and the maximum absolute value.

- B. Components Not Included in the IST Program
- 1. Component Cooling Water system (CCP) valves CCP*AOV31C/D, CCP*AOV178A-D and CCP*V27,V38,V63,V74.
- Charging system valves CHS*AV8146, CHS*AV8147, CHS*V396, CHS*V397, CHS*V436, CHS*V437, CHS*V469, CHS*V470, CHS*V503, CHS*V504, CHS*FCV111A/B and Reactor Coolant System check valves RCS*V31, RCS*V32, RCS*V147, RCS*V148.
- 3. Charging system valve CHS*V42.
- Charging System valve CHS*HCV182, Component Cooling Water system valves CCP*TV32A/B/C, CCP*LV61, CCP*LV91 and Control Building Chilled Water System valves HVK*PDV32A/B, HVK*TV39A/B, HVK*TV41A/B,

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HVK*TV75A/B, HVK*TV76A/B, HVK*	TV77A/B.	101000,1000 1012	<i></i> , n	***	1 4 7 57	ν <i>ω</i> ,		<i>(</i> ,),
5. Emergency Diesel Generator system	excess flow ch	eck valves EGA*EFV	35A1/A	2/B	1/B2.			
6. Vice Water system motor operated	d butterfly valve	es SWP*MOV57A-D.						
HVK*V1,V39,V37,V75 and Service W	s HCS*V4,V5,V /ater system va	11,V12, Control Buildi ives SWP*V104, and	ing Chi SWP*	lled V10	Water 9.	sys	tem valves	•
8. Service Water system check valves S	SWP*V836,V83	7.						
C. ADDITIONAL TESTING NOT INCLU	DED IN IST PR	OGRAM						
The following is a list of valves and their	additional tests	s that were not include	ed withi	n th	e IST	prog	jräm.	
 High Pressure Safety Injection check diversion of water through an idle SIH 	valves SIH*V8 I pump.	1,V83 have an exerci	se to cl	ose	safety	fun	ction to pre	event
2. Service Water system valves SWP*N from the containment recirculation co	MOV54A-D hav oolers.	e a safety function to	close to	o pre	event	relea	ase of radio	pactivity
 Charging system motor operated valv sump recirculation water from being of 							ecirculation	to preven
 Charging system check valves CHS* for safety grade cold shutdown. 	V394,V434,V46	7,V501 have a safety	functio	on to	open	to p	provide a fl	ow path
 Charging system check valve CHS*V shutdown. 	/58 has a safety	function to open to p	rovide	flow	during	g sa	fety grade	culd
 Charging system check valve CHS*V being diverted to the RWST. 	/261 has a safe	ty function to close to	prever	nt su	mp re	circu	ulation wate	er from
 Safety Injection system check value s from being diverted to the RWST. 	SIH*V11 has a	safety function to clos	e to pr	evei	nt sum	p re	circulation	water
 Reactor Coolant System valves RCS close to isolate the reactor from the P 			S*SV80	96A	V have	as	afety funct	ion to
9. Reactor coolant system motor operate the event a Power Operated Relief Vi			safety f	unc	tion to	isol	ate the Pre	ssurizer in
10 Containment Recirculation motor oper applicable RSS pump reaches a disc						clo	se when th	е
11.Safety Injection motor operated valve isolation.	es SIH*MV8801	A/B have a safety fur	nction t	o clo	ose to	prov	vide contain	nment

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- 12.Safety Injection motor operated valves SIH*MV8802A/B have a safety function to close to provide containment isolation in the event the safety injection pump was not operating.
- 13.Spent fuel pool cooling system valves SFC*V3,V6 have a safety function to close to prevent diversion of flow through an idle pump.
- 14.Main steam motor operated valves MSS*MV74A-D have a safety function to close to control decay heat removal during safety grade cold shut down.
- 15.Emergency Diesel Generator Starting Air system valves EGA*V4,V11,V30,V37 have a safety function to remain leak tight to assure sufficient starting air.
- 16.Emergency Diesel Generator Fuel Oil Transfer system valves EGF*V1,V3,V7,V9 have a safety function to close to prevent reverse flow through an idle pump.
- 17.Control Building Ventilation system valves HVC*AOV25 and AOV26 have a safety function to open manually one hour after an accident to allow natural ventilation of the control room.

Since the unit was in a cold shutdown at the time of completion of the review, there were no operat ir actions required as a result of this condition.

II. Cause of Event

The cause of this condition was initially identified as a programmatic deficiency due to lack of adequate resources to assess the quality of the existing program, evaluate the interpretations employed during development of the program, implement more effective process controls, and complete required changes to implementing procedures. Due to the significant number of discrepancies, a root cause evaluation was performed to identify the underlying deficiencies that led to this event. This evaluation determined that there were two primary causes, for this event:

- 1. A lack of management commitment to support the IST program.
- Inadequate program monitoring and a failure to evaluate the program effectiveness.

Contributing causes that led to the failure of the IST program are:

- 1. Insufficient detail contained with the procedures utilized;
- 2. Inadequate supervisory oversight;
- 3. Inadequate documentation of component level credited safety functions.

III. Analysis of Event

This condition is being reported pursuant to the requirements of 10CFR50.73(a)(2)(i) which identifies any operation or condition prohibited by the plant's Technical Specifications. Technical Specification 4.0.5 requires that Inservice

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testing of ASME Class 1, 2 and 3 pumps and valves shall be performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code and applicable addenda as required by 10CFR50, Section 50.55: (f).

Implementation of the 50.54(f) Inservice Test Program review, and development of the Inservice Test Bases Document have provided an assessment of the overall condition of the IST program. Multiple deficiencies were identified with some involving the addition of new components to the program and some involving additional testing of components already included in the IST Program. The number of deficiencies is significant in that the failure to adequately test components has the potential to allow reliance on components that may not be capable of performing their intended safety function. An description of each of the identified deficiencies follows:

A. Use of RMS Vibration Values and Comparison to a Single Point

Millstone Unit 3 is currently upgrading the program to the requirements of ASME Section XI 1989 Edition. A review of previous pump vibration analysis results showed that acceptance criteria were not exceeded when the data was converted from RMS values to peak values.

B. Components Not Included in the IST Program

CCP*AOV31C/D are radiation sample isolation valves located off the CCP pump's discharge header. These
valves provide the boundary between the safety related and the non safety related portions of the system and
belong in the program to verify an isolation function. The valves will fail closed on a loss of control air. Depending
upon which CCP train is in service, one of these valves is normally open and the other valve is normally closed.

CCP*AOV178A-D and CCP*V27,V38,V63,V74 are required to isolate a Reactor Coolant Pump (RCP) thermal barrier leak within a small section of piping rated to Reactor Coolant System (RCS) pressure. CCP*AOV178A-D will automatically close on a high flow indication and fail closed on loss of air. A review of the maintenance history for CCP*AOV178A-D did not indicate any conditions which would have prevented the valves from functioning. The supply tubing for the four air operated valves was replaced during the current shutdown. Each of the four valves was stroke to pen and closed during the retest to ensure proper operation. CCP*V27,V38,V63,V74 provide automatic isolation on the inlet to the thermal barriers.

2. CHS*AV8146, CHS*AV8147 and RCS*V31, RCS*V32, RCS*V147, RCS*V148 are injection valves in the normal charging flow path and have a safety function to open for safety grade cold shutdown. CHS*AV8146 and CH3*AV8147 will fail open on loss of air. Valves in the operating flow path are normally in service during modes 1 through 5. ASME Section XI does not require any additional testing for these components as long as the observations otherwise required for testing are made and analyzed during such operation. System Engineering does trend this information, however no evaluation or acceptance criteria has been established.

CHS*V396, CHS*V397, CHS*V436, CHS*V437, CHS*V469, CHS*V470, CHS*V503, CHS*V504 are injection valves in the RCP seal injection flow path and have a safety function to open for safety grade cold shutdown. These check valves are normally in service during modes 1 through 5. ASME Section XI does not require any additional testing for these components as long as the observations otherwise required for testing are made and analyzed during such operation. System Engineering does trend this information, however no evaluation or acceptance criteria has been established.

CHS*FCV111A/B are isolation valves in the flow path from the boric acid blender to the Volume Control Tank (VCT) and have a safety function to close to prevent diversion of boric acid flow to the Volume Control Tank (VCT). These valves are normally closed and will fail closed on loss of air. The closure function is verified during

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normal operations. The valves are periodically opened to allow for boron concentration adjustments in the VCT. Position indication is available on the main control board in the event these valves fail to close.

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- 3. CHS*V42 is a check valve on the discharge of the VCT and has a safety function to open to provide Charging pump minimum flow and to close to prevent diversion of ECCS flow away from the charging pump suction. CHS*V42 closure can only be verified by disassembly. The valve was already included in check valve inspection program and was last inspected in May 1993, during the refueling outage. No adverse conditions were identified during this inspection.
- The ASME code 1983 Edition specified that control valves were exempt from testing. As a result, control valves 4 that also had a fail safe function were excluded from the Inservice test program. However, subsequent clarification, provided by the NRC in Generic Letter 89-04, stated that control valves that also have a fail safe function should be included in the Inservice test program. Millstone Unit 3 was not required to respond to the Generic Letter because the NRC had recently reviewed the IST program and issued a safety evaluation report (SER)

Charging system control valve CHS*HCV182 is normally modulated to regulate seal injection flow rates to the reactor coolant pumps. The valve fails open on a loss of control air pressure.

CCP*LV61 AND CCP*LV91 regulate the water level in the Charging pump cooling and Safety Injection pump cooling surge tanks. The valves are normally closed and would fail in the closed position on a loss of control air. These valves are occasionally opened to increase surge tank level. Whenever the valves are opened, subsequent closure of the valves is verified by a stable surge tank level. The valves are closed by de-energizing the solenoid valve controlling the air pressure to the actuator. This simulates a loss of control air and verifies the valve goes to its fail safe position. A review of the maintenance history for these valves did not indicate any conditions which would have prevented the valves from functioning.

Valves HVK*TV68A/B, HVK*TV69A/B, HVK*TV70A/B, HVK*TV71A/B, HVK*TV72A/B, HVK*TV73A/B, HVK*TV74A/B. HVK*TV75A/B provide a cooling flow path for the east and west switchgear rooms and isolation for an off line train. Components failing to operate properly would be identified by indication on the main control board.

Valves HVK*PDV32A/B provide a recirculation flow path which will fail closed to prevent diversion of cooling flow. These valves ensure maximum cooling to the air coolers.

Valves HVK*TV39A/B, HVK*TV41A/B, HVK*TV76A/B, HVK*TV77A/B isolate the individual air coolers in the east and west switchcear rooms, control room area and the computer and instrument rack area and will fail open on a loss of power. There are two trains, one of which is normally in operation, with the cross tie valves open. The valves automatically actuate on a chilled water pump start or stop. The trains are started and stopped on a periodic basis, which causes each of the train related valves to exercise...

Emergency Diesel Generator system excess flow check valves EGA*EFV35A1/A2/B1/B2 are required to remain 5. leak tight to assure adequate starting air. The valves are located in a sensing line from the air receiver to the air compressor. In addition, air receiver pressure is monitored by operations. A low pressure alarm is generated when the air pressure reaches 350 pounds per square inch gauge (psig). Diesel Generator alarms are monitored on the main control board. The air compressors are set to start at 375 psig to refill the air receivers. A leak test has been developed to verify the air receivers can maintain adequate volume on a loss of the air compressors. All four of these valves have been successfully tested.

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6.	Service Water system valves SWP*MOV57A-D to cooler leakage. The valves were previously constant do not receive a safety signal to close. These	sidered passive. The va	alves ar	e no	ormally	ope	en during o	circulatio peration
7.	Hydrogen Recombiner valves HCS*V4,V5,V11,V to allow operation of the Hydrogen Recombiners. Recombiner operability test. These valves have procedures however the data has not been recom	These valves are cycl been tested at the code	ed quar	terly	y durin	g th	e Hydrogen	1
	HVK*V1,V39,V37,V75 are check valves on the d pumps and have a safety function to open to pro- code required frequency by existing unit procedu	vide system cooling flow	v. Thes	se vi	alves I	nave	e been teste	ed at the
	SWP*V104,V109 are check valves on the bypass and have a safety function to open to supply hea prevent diversion of flow from the water chiller. degradation identified. Valves V104 and V109 w not seating properly. A new seat was installed ar	ted service water to the Valve V104 was disasse were also inspected in 19	inlet of embled 195 duri	the	boost ng the	er pi	umps and to rent shutdo	o close to wn with r
8.	* VP*V836,V837 are check valves in the cross-ti- bafety function to close to provide train isolation. the current shutdown. V836 was identified with s replaced. Because of the excessive erosion both inspection, it was determined that the valve could was inspected with satisfactory results.	These valves were dis severe erosion of the dis n valves will be inspected	assemt c body d durin	and g RI	and vi as a r FO6.	isual esul How	lly inspecte it the valve ever, based	d during was d on the
<u>C</u> .	ADDITIONAL TESTING NOT INCLUDED IN IST	PROGRAM						
1.	High Pressure Safety Injection (SIH) check valve have been verified to open during the quarterly s not be verified unless the valves are disassemble	afety injection pump flo						
2.	Service Water system valves SWP*MOV54A-D side of the containment recirculation coolers. The frequency. The valves are exercised to the close procedure. These valves may have to reclose in These valves are also part of the Generic Letter actuator.	ney are stroke tested in t ed position during the re in the event of a leak in t	he operation storation he cont	n dir on pl ainn	rection hase o nent re	on i f the	a refueling surveillan ulation coo	outage ce lers.
3.	Charging system valves CHS*LCV112D/E are not pump suction header and are stroke tested in the the closed direction after the stroke testing. The verifies adequate design of the motor actuator. signal, to align the charging pump suction to the event these valves reclose to prevent diversion of	e open direction on a qui se valves are also part of These valves would auto RWST. During the reci	arterly I of the G omatica rculatio	basi Sene ally c n pt	s. The pric Let open, o nase o	e val tter t on a f a la	ves are exe 89-10 progr safety injer arge break	ercised in am which ction
4.	Charging system valves CHS*V394,V434,V467,V exercised to close and Appendix J leak testud.							

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provide the required seal flow.

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5.	Charging system check valve CHS*V58 is in the n Appendix J leak tested.	formal charging supply	path.	This	valve	is e	xercised to	close and
6.	Charging system check valve CHS*V261 is on the charging pumps and has been exercised in the op refueling outage. This valve would be required to CHS*LCV112D/E failed to close. The valve can n isolation of the RWST, which is used for a water in	en direction during the close in the event the not be easily disassemb	full flow downst	v tes rean insp	st of the moto pection	or op	harging pur berated value	mps each ves
7,	Safety Injection system check valve SIH*V11 is or exercised in the open direction during the full flow valve would be required to close in the event the of The valve can not be easily disassembled because (RWST), which is used for a water inventory source	test of the Safety Inject downstream motor oper e it would require isolat	tion pur rated vi tion of t	alve	s each s SIH*	refu MV8	eling outag 8806 failed	to close.
8.	Reactor Coolant system valves RCS*HCV442A/B, head vent to the Primary Relief Tank (PRT) and h shutdown frequency. During this testing the valve position of the valve. However, the stroke time of	ave been stroke time to s are exercised to the	ested in closed	n the posi	e open tion wi	dire hich	ction on a verifies the	cold
9.	Reactor Coolant system motor operated gate valv stroke time tested in the open direction. These valves relief valve. The valves are normally open during the open direction. Additionally, these valves are	lves are used to isolate operation and are exe	e a leal rcised (king close	or stud ed pric	ck op or to	pen power stroke time	operated
10.	Containment Recirculation Spray system (RSS) m minimum flow lines and have been stroke time tes prevent a diversion of RSS flow following an RSS The valves are closed during the performance of t the GL 89-10 program.	sted to open quarterly. pump start, when the o	The va dischar	alves ge fl	s would low rat	d ha e ex	ve to reclos ceeded 20	se to 00 gpm.
11.	Safety Injection motor operated valves SIH*MV88 Injection line and are stroke time tested in the oper valves and would have to close in the event a Saf open on a safety injection signal to align for cold la 89-10 program. These valves were successfully s	en direction. These values (ety injection pump is n eg. In addition, these v	ves are ot oper valves a	ide ating are i	ntified g. The nclude	as o ese v ed in	containmen valves auto	t isolation matically
12.	Safety Injection motor operated valves SIH*MV88 and are stroke time tested in the open direction. T would have to close in the event a Safety injection recirculation. In addition these valves are includer successfully stroke time tested in the closed direct	These valves are identi n pump is not operating d in the Generic Letter	fied as These	con e va	tainme lves op	ent is pen t	solation val to align for	lves and long term
13.	Fuel Pool Cooling check valves SFC ⁻ V3 and SFC discharge line and are exercised to open during th downstream of each check valve are normally ope Therefore, the check valves are required to close during the pump surveillance test, however the clo	ne quarterly pump opera en during operation, cre to prevent diversion of	ability t eating a flow.	est. a cro Thes	The r ss-tie se valv	nanu betw /es a	ual isolation veen the two	n valves o trains.

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EXT	(If more space is required, use additional copies of NRC For	m 366A) (17)		•	d-			
	Main Steam motor operated valves MSS*MV74A- modulate as a decay heat removal path during a s operation and are exercised closed each quarter d addition these valves are included in the Generic I Emergency Diesel Generator Starting Air system of	safety grade cold shutd during the restoration fr letter 89-10 program.	own. 1 om the	The N stro	valves a ke to oj	are (pen	closed dur surveillan	ing ce test. I
	line to the diesel starting air receiver tanks and ha starting air. These valves were disassembled to v pressure is monitored by operations. A low pressu Diesel Generator alarms are monitored on the ma to refill the air receivers.	ve a safety function to verify closure, during RI ure alarm is generated	remain FO4 or when t	RF(he a	k tight t 05. In i ir press	o as addi ure	ssure suffic ition, air re reaches 3	cient ceiver 50 psig.
16	Emergency Diesel Generator Fuel Oil Transfer systhe fuel oil transfer pumps and have a safety funct of the fuel oil transfer pump surveillance verifies to discharge flow rates. In addition, this surveillance direction.	tion to close to prevent hat the idle pump chec	divers k valve	ion o	of flow. losed b	The y m	proper per proper per	erformant
17	Control Building Ventilation valves HVC*AOV25 a and are stroke time tested open and closed on a q control air pressure. The air supply to these valve open manually one hour into a design basis accide	quarterly frequency. Thes is not safety related.	the valve	es w val	ill fail c ves are	lose	d on a los	s of
IV	Corrective Action							
act rep oth	is condition was discovered when the unit was in an tion was required. The results of the Inservice Test port is part of the 50.54(f) effort. Completion of the nerwise stated) and assignment of specific programs T program.	Program review are do following corrective act	tions p	nted rior t	in an in o entry	iterr into	nal report. mode 4 (i	This unless
1.	The existing IST documents and procedures will b all of the requirements of 10CFR50.55a(f) by May		d as rei	quire	d to en	sure	e program	addresse
2.	A procedure will be developed and implemented t	o administer and monit	or the	IST	progran	n by	May 31, 1	997.
3.	Staff will be assigned to implement and manage to	he IST program by May	y 31, 1	997.				
4.	The seventy one (71) individual discrepancies ide procedures will be corrected.	ntified during the review	w of the	e IST	l broðu	am a	against sur	veillance
5.	The seven (7) licensing commitments discrepanci be corrected.	es identified during the	review	oft	he Inse	rvic	e Test Pro	igram wil
6.	The IST surveillance procedures, the IST Manual components identified during the review of the Ins				revised	to i	nclude the	

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12			1.1			
	alak basis ku tanan artis ana si misina ana ana ana ar Aranan in sanara na aktoris darigi si		96		01	
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	The twenty eight (28) individual discrepancies iden component test methods performed as part of the					n
8. T	he IST program component test methods will be	reviewed and identified	d deficie	ncies will be	corrected.	
	addition the following specific corrective actions w de 4.	ill be taken to correct t	he defic	ciencies noted	l prior to er	ntry into
1.	The pump vibration velocity measurements test of ASME Section XI 1989 Edition.	procedures will be revi	sed to i	ncorporate th	e acceptan	ice criteria
2.	A procedure will be implemented to verify the op RCS*V31, V32, V147, and V148.	en safety function for t	valves (CHS*V58, AV	8146, AV8	147,
3.	A procedure will be implemented to test Chargin whenever seal injection is not required.	g system control valve	CHS*H	ICV182 during	g refueling	outages or
4.	Component Cooling Water system valves CCP* allow adequate testing of the fail safe function.	TV32A/B/C will be mod	dified to	include a sol	enoid valve	e which will
5.	Procedures will be revised to require that data be SWP*MOV57A-D, Hydrogen Recombiner valves valves HVK*V1,V39,V37,V75.					
6.	Service Water system valves SWP*V104,V109 matrix.	will be added to the ch	eck valv	ve disassemb	ly and insp	ection
7.	High Pressure Safety Injection check valves SIH to the check valve disassembly and inspection n		be disa	assembled, in	spected, a	nd added
8.	The measurement of the closed stroke time for S the IST Program.	Service Water system	valves (SWP*MOV54	A-D will be	added to
9.	The measurement of the closed stroke time for C IST Program.	Charging system valve	s CHS*I	LCV112D/E w	vill be adde	d to the
10	An exercise to open test, which can be verified of for Charging system valves CHS*V394,V434,V4 V504.					
11	A procedure will be implemented to test Chargin check valve SIH*V11 during refueling outages.	g system check valve	CHS*V2	261 and Safet	y Injection	system
12	The closed function of Reactor Coolant system RCS*SV8096A/B will be added to the IST Progra			*SV8095A/B	and	
13	. The measurement of the closed stroke time for t RCS*MV8000A/B will be added to the Inservice		stem m	otor operated	gate valve	s

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14		surement of the closed stroke time for the Inservice test program.	the Containment Recirc	cula' n	valves RSS	MV38A/B v	vill be
15	The surv operated	eillance procedure will be revised to ac valves SIH*MV8801A/B and SIH*MV8	dd the stroke time to clo 3802A/B.	se func	tion for Safet	y Injection	motor
16	An exerc the Inser	ise to close requirement for the Fuel P vice test program.	ool Cooling check valve	es SFC	*V3 and SFC	*V6 will be	added to
17	A stroke MSS*MV	time to close test will be added to the I 74A-D.	Inservice test program f	or Main	Steam moto	r operated	valves
18	A surveil valves E	lance procedure to verify leakage limit GA*V4,V11,V30,V37 will be implemen	s for the Emergency Die ted.	esel Ge	nerator Start	ing Air syste	em check
19	An exerc EGF*V1,	ise to close requirement for the Emerg V3, V7, V9 will be added to the Inserv	ency Diesel Generator vice test program.	Fuel Oi	I Transfer sy	stem check	valves
20		manual exercise Control Building Vent ded to the surveillance program.	tilation valves HVC*AO	V25 and	d AOV26 on a	a refueling f	requency
Add	litionally, tl	he Service Water system valves SWP	*V836,V837 will be insp	ected d	luring RFO6.		
V.	Additional	Information					
None	е						
	Similar Ev	ents					
LER	96-023	Failure to Include Fuel Transfer Tu	be Bellows within Conta	inment	Penetration	Test Progra	m
		On July 1, 1996, with the unit in mo of the containment system identifie number 88, had not been included leak test had not been performed o containment penetration had not be since the initial unit startup. The U be conducted at intervals not great deficiency resulting from an incomp	ed that the fuel transfer t in the 10CFR50 Append on the fuel transfer tube een identified in the App nit Technical Specificat er than 24 months. The	upe bel dix J Te bellows bendix J ion requ cause	llows, contain st Program. located insid program as uires that type of this event	ment penet An individu le containm requiring le B and C te was a prog	ration al Type B ent. This ak testing ests shall rammatic

deficiency resulting from an incomplete test procedure. Since all prior Integrated Leak Rate Tests had been successful, the containment leak tight integrity, including the expansion bellows, was verified. No safety consequences existed due to the omission of the expansion bellows from the test program. This penetration leak path was added to the Appendix J program and a local leak rate test was performed. An independent assessment of the containment system penetrations concluded that all other type B and type C penetrations were included in surveillance procedures and tested in accordance with 10CFR50 Appendix J.

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LER 96-024	Missed Inservice Testing of a Stop Feed Water Pump due to Programm	Check Valve in the Ste	am Sup	oply to the Tu	rbine Driver	n Auxiliary		
<u>Manufactu</u> Not applicable.		d in accordance with the motor operated stop chi pump be disassembled S*MOV17D) was schedu rformed concurrent with en the maintenance wor s missed inspection resu on XI of the ASME Boil I the unit Technical Spe ulted in the inadequate ion of the missed inspec-	e Inserv eck val- and vis uled for n other in rk on th ulted in ler and l ecification schedul ction wa	vice Test (IST ves in the ma sually inspect inspection du maintenance is valve was the IST requi Pressure Ves ons. The cau ling and comp as performed) Program. in steam su ed each refu uring RFO5 activities s canceled, th rements no sel Code as se of this e oletion of ar Programm	The IST upply to the uel outage in May cheduled ne visual t being s required vent was a n IST		