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3.7.2 Main Steam Isolation Valves (MSIVs)

LCO 3.7.2 Four MSIVs and their associated actuator trains shall be OPERABLE.

APPLICABILITY: MODE 1, 2, and 3.

ACTIONS

	CONDITION	REQUIRED ACTION	COMPLETION TIME
Α.	One MSIV actuator train inoperable.	A:1 Restore MSIV actuator train to OPERABLE status.	7 days
<b>B.</b>	Two MSIV actuator trains inoperable for different MSIVs when the inoperable actuator trains are not in the same separation group.	B.1 Restore one MSIV actuator train to OPERABLE status.	72 hours
C.	Two MSIV actuator trains inoperable when the inoperable actuator trains are in the same separation group.	C.1 Restore one MSIV actuator train to OPERABLE status.	24 hours
D.	Two actuator trains for one MSIV inoperable.	D.1 Declare the affected MSIV inoperable.	Immediately

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<u> </u>	CONDITION		REQUIRED ACTION	COMPLETION TIME
E.	Three or more MSIV actuator trains inoperable.	E.1	Declare each affected MSIV inoperable.	Immediately
	OR			
	Required Action and associated Completion Time of Condition A, B, or			
	C not met.		· · · · · · · · · · · · · · · · · · ·	·
F.	One MSIV inoperable in MODE 1.	F.1	Restore MSIV to OPERABLE status.	8 hours
G.	Required Action and associated Completion Time of Condition F not met.	G.1	Be in MODE 2.	6 hours
H.	NOTE Separate Condition entry is allowed for each MSIV.	H.1 AND	Close MSIV.	8 hours
•	One or more MSIV inoperable in MODE 2 or 3.	H.2	Verify MSIV is closed.	Once per 7 days
Ι.	Required Action and associated Completion Time of Condition H not	I.1 <u>AND</u>	Be in MODE 3.	6 hours
-	met.	-1.2	Be in MODE-4.	-12 hours

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3.7-6

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### SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.2.1	Only required to be performed in MODES 1 and 2.	
	Verify the isolation time of each MSIV is $\leq 5$ seconds.	In accordance with the Inservice Testing Program
SR 3.7.2.2	NOTE Only required to be performed in MODES 1 and 2.	
· · · ·	Verify each actuator train actuates the MSIV to the isolation position on an actual or simulated actuation signal.	18 months

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3.7.3 Main Feedwater Isolation Valves (MFIVs)

LCO 3.7.3 Four MFIVs and their associated actuator trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

	CONDITION		REQUIRED ACTION	COMPLETION TIME
А.	One MFIV actuator train inoperable.	A.1	Restore MFIV actuator train to OPERABLE status.	7 days
Β.	Two MFIV actuator trains inoperable for different MFIVs when the inoperable actuator trains are not in the same separation group.	B.1	Restore one MFIV actuator train to OPERABLE status.	72 hours
<b>С.</b>	Two MFIV actuator trains inoperable when the inoperable actuator trains are in the same separation group.	C.1	Restore one MFIV actuator train to OPERABLE status.	24 hours
D.	Two actuator trains for one MFIV inoperable.	D.1	Declare the affected MFIV inoperable.	Immediately

(continued)

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	CONDITION		REQUIRED ACTION	COMPLETION TIME
E.	Three or more MFIV actuator trains inoperable. <u>OR</u>	E.1	Declare each affected MFIV inoperable.	Immediately
	Required Action and associated Completion Time of Condition A, B, or C not met.			
F.	NOTE Separate Condition entry is allowed for each MFIV.	F.1 <u>AND</u>	Close MFIV.	4 hours
	One or more MFIVs inoperable.	<sup>°</sup> F.2	Verify MFIV is closed.	Once per 7 days
G.	Required Action and associated Completion Time of Condition F not met.	G.1 <u>AND</u>	Be in MODE 3.	6 hours
	nict.	G.2	Be in MODE 4.	12 hours

# SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
R 3.7.3.1NOTE	
Verify the isolation time of each MFIV is $\leq$ 5 seconds.	In accordance with the Inservice Testing Program

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# SURVEILLANCE REQUIRMENTS (continued)

<u></u>	SURVEILLANCE	FREQUENCY
SR 3.7.3.2	NOTENOTENOTE Only required to be performed in MODES 1 and 2.	· · · · ·
·	Verify each actuator train actuates the MFIV to the isolation position on an actual or simulated actuation signal.	18 months

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### 3.7.4 Atmospheric Relief Valves (ARVs)

# LCO 3.7.4 Four ARV lines shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ARV line inoperable for reasons other than excessive leakage.	A.1 Restore required ARV line to OPERABLE status.	7 days
B: Two ARV lines inoperable for reasons other than excessive leakage.	B.1 Restore all but one required ARV line to OPERABLE status.	72 hours
C. Three or more ARV lines inoperable for reasons other than excessive leakage.	C.1 Restore all but two ARV lines to OPERABLE status.	24 hours

(continued)

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						· · · ·
CONDITIO	N .		REQUIR	ED ACT	ION	COMPLETION TIME
D. With one or mor ARVs inoperabl of excessive sea	D.1			) close the k valve(s).	Immediately	
	· · ·	D.2		ARV(s ABLE sta		30 days
and a second construction of the second	umun ya anatara	8.78	um ser all best to the second		unar landa a santa sa	and the second secon
HALL RATE FOR RE						
E. Required Action associated Com		E.1	Be in M	ODE 3.	չ պատգուտ չ, ու տուպա հատգ, հատելիչը, ։	6 hours
Time not met.		<u>AND</u> E.2	Be in M	ODE 4		und volt (self) – u Na anadater vit s <b>12 hours</b> saad
URVEILLANCE REC	UIREMENT	<u>aa na m</u>	naliter <u>Nana</u> r			sant výta m <sub>e</sub> li – S <u>An as nazet vel – – –</u>
	SÚRV	EILLAN	CE			FREQUENCY
SR 3.7.4.1 Ve	rify one com		NG 62812 1	ARV.	ara SA Rigar Rigar	In accordance with the Inservice Testing Program
		•	÷ .		· · · · · · · · · · · · · · · · · · ·	
		به ۱۰۰۰ په دې مېرو د مېرونو ۱۰۰۰ مې د مېرونو	i in the second seco		gage of the law second s	ali tanun tergenya ngangangan ngangan ngangangan ngangangan ngangangan ngangangangan ngangangan ngangangan ngan
SR 3.7.4.2 Ve	rify one com	Diete cyc	ie of each	ARV DIC	OCK VAIVe.	18 months

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3.7-12

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### 3.7.5 Auxiliary Feedwater (AFW) System

LCO 3.7.5 Three AFW trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
<ul> <li>A. One steam supply to turbine driven AFW pump inoperable.</li> </ul>	A.1 Restore steam supply to OPERABLE status.	7 days <u>AND</u>
		10 days from discovery of failure to meet the LCO
<ul> <li>B. One AFW train inoperabl for reasons other than Condition A.</li> </ul>	e B.1 Restore AFW train to OPERABLE status.	72 hours <u>AND</u>
		10 days from discovery of failure to meet the LCO
		(continued)
· · · · · · · · · · · · · · · · · · ·		
Wolf Creek - Unit 1	3.7-13 Amend	ment No. <del>123, 155</del> , 171

	CONDITION		REQUIRED ACTION	COMPLETION TIME	
C.	Required Action and associated Completion Time for Condition A or B not met. <u>OR</u>	C.1 <u>AND</u> C.2	Be in MODE 3. Be in MODE 4.	6 hours 12 hours	
	Two AFW trains inoperable.				
	Three AFW trains inoperable.	D.1	NOTE LCO 3.0.3 and all other LCO Required Actions requiring MODE changes are suspended until one AFW train is restored to OPERABLE status.		
			Initiate action to restore one AFW train to OPERABLE status.	Immediately	

# SURVEILLANCE REQUIREMENTS

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days	
(continued)	
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# SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.7.5.2	NOTENOTENOTENOTENOTENOTENOTENOTENOTENOTENOTENOTENOTENOTE	
	Verify the developed head of each AFW pump at the flow test point is greater than or equal to the required developed head.	In accordance with the Inservice Test Program
SR 3.7.5.3	Verify each AFW automatic valve that is not locked, sealed, or otherwise secured in position, actuates to the correct position on an actual or simulated actuation signal.	18 months
SR 3.7.5.4	NOTE Not required to be performed for the turbine driven AFW pump until 24 hours after ≥ 900 psig in the steam generator.	
	Verify each AFW pump starts automatically on an actual or simulated actuation signal.	18 months
SR 3.7.5.5	Verify proper alignment of the required AFW flow paths by verifying flow from the condensate storage tank to each steam generator.	Prior to entering MODE 2 whenever unit has been in MODE 5 or 6 for > 30 days

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3.7.6 Condensate Storage Tank (CST)

LCO 3.7.6 The CST contained water volume shall be  $\geq$  281,000 gal.

APPLICABILITY: MODES 1, 2, and 3.

ACTI	ONS	<u>. (.</u>		
	CONDITION		REQUIRED ACTION	COMPLETION TIME
Α.	CST contained water volume not within limit.	A.1	Verify by administrative means OPERABILITY of backup water supply.	4 hours AND
	· · ·		с	Once per 12 hours thereafter
		AND		
		A.2	Restore CST contained water volume to within limit.	7 days
<u></u>		· ·		
Β.	Required Action and	B.1	Be in MODE 3.	6 hours
	associated Completion Time not met.	AND	•	
		B.2	Be in MODE 4.	12 hours

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# SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	a an an Ar		FREQUEN	ICY
SR 3.7.6.1	Verify the CST contained wate $\geq$ 281,000 gal.	er volume is		12 hours	
	·····	<u> </u>	<u> </u>	· · · ·	
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3.7.7 Component Cooling Water (CCW) System

LCO 3.7.7 Two CCW trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

### ACTIONS

CONDITION		ONDITION REQUIRED ACTION		COMPLETION TIME
Α.	One CCW train inoperable.	A.1	NOTE Enter applicable Conditions and Required Actions of LCO 3.4.6, "RCS Loops - MODE 4," for residual heat removal loops made inoperable by CCW.  Restore CCW train to OPERABLE status.	72 hours
В.	Required Action and associated Completion Time of Condition A not met.	B.1 <u>AND</u> B.2	Be in MODE 3. Be in MODE 5.	6 hours 36 hours

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3.7-18

Amendment No. <del>123</del>, 171

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SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.7.1	NOTENOTENOTENOTENOTE	
	Verify each CCW manual, power operated, and automatic valve in the flow path servicing safety related equipment, that is not locked, sealed, or otherwise secured in position, is in the correct position.	31 days
SR 3.7.7.2	Verify each CCW automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, actuates to the correct position on an actual or simulated actuation signal.	18 months
SR 3.7.7.3	Verify each CCW pump starts automatically on an actual or simulated actuation signal.	18 months
		han an that an
· · ·		 
	•	
	· · · · · · · · · · · · · · · · · · ·	

# 3.7.8 Essential Service Water (ESW) System

LCO 3.7.8 Two ESW trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

# ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ESW train inoperable.	<ul> <li>A.1</li> <li>1. Enter applicable Conditions and Required Actions of LCO 3.8.1, "AC Sources - Operating," for emergency diesel generator made inoperable by ESW System.</li> <li>2. Enter applicable Conditions and Required Actions of LCO 3.4.6, "RCS Loops - MODE 4," for residual heat removal loops made inoperable by ESW System.</li> </ul>	
· · · · · · · · · · · · · · · · · · ·	Restore ESW train to OPERABLE status.	72 hours
······································	· · · · · · · · · · · · · · · · · · ·	(continued)
	· · · · · · · · · · · · · · · · · · ·	

	CONDITION		REQUIRED ACTION	COMPLETION TIME
В.	Required Action and associated Completion	B.1	Be in MODE 3.	6 hours
	Time of Condition A not met.	<u>AND</u>	· · ·	
		B.2	Be in MODE 5.	36 hours
			· · · · · · · · · · · · · · · · · · ·	

# SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.8.1	NOTENOTE Isolation of ESW System flow to individual components does not render the ESW System inoperable.	
	Verify each ESW manual, power operated, and automatic valve in the flow path servicing safety related equipment, that is not locked, sealed, or otherwise secured in position, is in the correct position.	31 days
SR 3.7.8.2	Verify each ESW automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, actuates to the correct position on an actual or simulated actuation signal.	18 months
SR 3.7.8.3	Verify each ESW pump starts automatically on an actual or simulated actuation signal.	18 months

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3.7.9 Ultimate Heat Sink (UHS)

LCO 3.7.9 The UHS shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

# **ACTIONS**

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Plant inlet water temperature of UHS not within limit.	A.1 Verify water level of main cooling lake ≥ 1075 ft. mean sea level.	1 hour <u>AND</u>
· · · ·	AND	Once per 12 hours thereafter
	<ul> <li>A.2 Verify plant inlet water temperature of UHS is ≤ 94°F.</li> </ul>	Once per hour
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3.	6 hours
<u>OR</u>	B.2 Be in MODE 5.	36 hours
UHS inoperable for reasons other than Condition A.		
UHS inoperable for reasons other than	B.2 Be in MODE 5.	36 hours

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# SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.9.1	Verify water level of UHS is $\geq$ 1070 ft mean sea level.	24 hours
SR 3.7.9.2	Verify plant inlet water temperature of UHS is $\leq$ 90°F.	24 hours

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3.7-23

. Amendment No. <del>123, 13</del>4, 171

3.7.10 Control Room Emergency Ventilation System (CREVS)

LCO 3.7.10	Two CREVS trains shall be OPERABLE.
	NOTE
·	The control room boundary may be opened intermittently under administrative controls.

APPLICABILITY: MODES 1, 2, 3, 4, 5, and 6, During movement of irradiated fuel assemblies.

### ACTIONS

<u>.</u>	CONDITION		REQUIRED ACTION	COMPLETION TIME
A.	One CREVS train inoperable.	A.1	Restore CREVS train to OPERABLE status.	7 days
В.	Two CREVS trains inoperable due to inoperable control room boundary in MODES 1, 2, 3, and 4.	B.1	Restore control room boundary to OPERABLE status.	24 hours
C.	Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4.	C.1 <u>AND</u> C.2	Be in MODE 3. Be in MODE 5.	6 hours 36 hours
			<u></u>	(continued)

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	CONDITION		REQUIRED ACTION	COMPLETION TIME
D.	Required Action and associated Completion Time of Condition A not met in MODE 5 or 6, or during movement of irradiated fuel assemblies.	D.1.1 <u>AN</u> I	Place OPERABLE CREVS train in CRVIS mode. D	Immediately
		D.1.2	Verify OPERABLE CREVS train is capable of being powered by an emergency power source.	Immediately
	· · · ·	OR		
		D.2.1	Suspend CORE ALTERATIONS.	Immediately
		AN	<u>D</u>	
		D.2.2	Suspend movement of irradiated fuel assemblies.	Immediately
E.	Two CREVS trains inoperable in MODE 5 or 6, or during movement of	E.1	Suspend CORE ALTERATIONS.	Immediately
	irradiated fuel assemblies.	AND		r.
		E.2	Suspend movement of irradiated fuel assemblies.	Immediately
F.	Two CREVS trains inoperable in MODE 1, 2, 3, or 4 for reasons other than Condition B.	F.1	Enter LCO 3.0.3.	Immediately

3.7-25

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# SURVEILLANCE REQUIREMENTS

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	SURVEILLANCE	FREQUENCY
SR 3.7.10.1	Operate each CREVS train pressurization filter unit for $\ge 10$ continuous hours with the heaters operating and each CREVS train filtration filter unit for $\ge 15$ minutes.	31 days
SR 3.7.10.2	Perform required CREVS filter testing in accordance with the Ventilation Filter Testing Program (VFTP).	In accordance with VFTP
SR 3.7.10.3	Verify each CREVS train actuates on an actual or simulated actuation signal.	18 months
SR 3.7.10.4	Verify one CREVS train can maintain a positive pressure of $\ge 0.25$ inches water gauge, relative to the outside atmosphere during the CRVIS mode of	18 months on a STAGGERED TEST BASIS
· · · · · · · · · · · · · · · · · · ·	operation.	
	operation.	
	operation.	
	operation.	

3.7.11 Control Room Air Conditioning System (CRACS)

LCO 3.7.11 Two CRACS trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, 4, 5, and 6, During movement of irradiated fuel assemblies.

### ACTIONS

	CONDITION	F	REQUIRED ACTION	COMPLETION TIME
A.	One CRACS train inoperable.	A.1	Restore CRACS train to OPERABLE status.	30 days
В.	Required Action and associated Completion Time of Condition A not	B.1 <u>AND</u>	Be in MODE 3.	6 hours
	met in MODE 1, 2, 3, or 4.	B.2 1	Be in MODE 5.	36 hours

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CONDITION		REQUIRED ACTION		COMPLETION TIME	
C.	Required Action and associated Completion Time of Condition A not	C.1.1	Place OPERABLE CRACS train in operation.	Immediately	
	met in MODE 5 or 6, or during movement of		<u>,</u>		
	irradiated fuel assemblies .	C.1.2	Verify OPERABLE CRACS train is capable of being powered by an emergency power source.	Immediately	
		<u>OR</u>			
		C.2.1	Suspend CORE ALTERATIONS.	Immediately	
		ANE	2		
		C.2.2	Suspend movement of irradiated fuel assemblies.	Immediately	
	·				
D.	Two CRACS trains inoperable in MODE 5 or 6, or during movement of	D:1 (5,2)-4	Suspend CORE ALTERATIONS.	Immediately	
	irradiated fuel assemblies.	AND			
		D.2	Suspend movement of irradiated fuel assemblies.	Immediately	
	<u></u>				
Ξ.	Two CRACS trains inoperable in MODE 1, 2, 3, or 4.	E.1	Enter LCO 3.0.3.	Immediately	
	· · · · · · · · · · · · · · · · · · ·	· · · · · ·		· · · · · · · · · · · · ·	
	<u>, , , , , , , , , , , , , , , , , , , </u>	- · · ·			
•	, <u> </u>				

SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.11.1	Verify each CRACS train has the capability to remove the assumed heat load.	18 months
<u></u>		

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3.7-29

3.7.12 Emergency Core Cooling System (ECCS) Pump Room Exhaust Air Cleanup System (PREACS)

NOT USED

Wolf Creek - Unit 1

\_\_\_\_3.7-30 \_\_\_\_\_\_ Amendment No. <del>123, 134</del>, 171 \_

### 3.7.13 Emergency Exhaust System (EES)

LCO 3.7.13	Two EES trains shall be OPERABLE.
	NOTENOTENOTE may be opened intermittently under administrative controls.
APPLICABILITY:	MODES 1, 2, 3, and 4, During movement of irradiated fuel assemblies in the fuel building.
	NOTE

The SIS mode of operation is required only in MODES 1, 2, 3, and 4. The FBVIS mode of operation is required only during movement of irradiated fuel assemblies in the fuel building.

# ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One EES train inoperable in MODE 1, 2, 3, or 4.	A.1 Restore EES train to OPERABLE status.	7 days
<ul> <li>B. Two EES trains inoperable due to inoperable auxiliary building boundary in MODE 1, 2, 3, or 4.</li> </ul>	B.1 Restore auxiliary building boundary to OPERABLE status.	24 hours

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	CONDITION		REQUIRED ACTION	COMPLETION TIME
asso Time	ired Action and ciated Completion of Condition A or B net in MODE 1, 2, 3,	C.1 <u>AND</u>	Be in MODE 3.	6 hours
or 4.		C.2	Be in MODE 5.	36 hours
<u>0</u> R				
in MC	EES trains inoperable DDE 1, 2, 3, or 4 for	-	· · · · · · · · · · · · · · · · · · ·	
	ons other than ition B.			
· · · · · · ·		· · · ·		
during	EES train inoperable g movement of ated fuel assemblies	D.1	Place OPERABLE EES train in operation in FBVIS mode.	Immediately
in the	fuel building.	<u>OR</u>	· · · · · · · · · · · · · · · · · · ·	·
		D.2	Suspend movement of irradiated fuel assemblies in the fuel building.	Immediately
				· · · · · · · · · · · · · · · · · · ·
due to buildi move	EES trains inoperable o inoperable fuel ng boundary during ment of irradiated fuel	E.1	Restore fuel building boundary to OPERABLE status.	24 hours
asser buildi	nblies in the fuel ng.			
		· · · · · · · · · · · · · · · · · · ·		(continued)
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· .	CONDITION	REQUIRED ACTION	COMPLETION TIME
F.	Required Action and associated Completion Time of Condition E not met.	F.1 Suspend movement of irradiated fuel assemblies in the fuel building.	Immediately
	<u>OR</u>		
	Two EES trains inoperable during movement of irradiated fuel assemblies in the fuel building for reasons other than Condition E.		
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# SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
SR 3.7.13.1	Operate each EES train for $\geq$ 10 continuous hours with the heaters operating.	31 days
SR 3.7.13.2	Perform required EES filter testing in accordance with the Ventilation Filter Testing Program (VFTP).	In accordance with the VFTP
SR 3.7.13.3	Verify each EES train actuates on an actual or simulated actuation signal.	18 months
		(continued)

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SURVEILLANCE REQUIREMENTS (continued)

. <u> </u>	SURVEILLANCE	FREQUENCY
SR 3.7.13.4	Verify one EES train can maintain a negative pressure $\ge 0.25$ inches water gauge with respect to atmospheric pressure in the auxiliary building during the SIS mode of operation.	18 months on a STAGGERED TEST BASIS
SR 3.7.13.5	Verify one EES train can maintain a negative pressure $\ge 0.25$ inches water gauge with respect to atmospheric pressure in the fuel building during the FBVIS mode of operation.	18 months on a STAGGERED TEST BASIS
<u></u>		
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# 3.7.14 Penetration Room Exhaust Air Cleanup System (PREACS)

NOT USED

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3.7.15 Fuel Storage Pool Water Level

LCO 3.7.15 The fuel storage pool water level shall be  $\geq 23$  ft over the top of irradiated fuel assemblies seated in the storage racks.

**APPLICABILITY:** During movement of irradiated fuel assemblies in the fuel storage pool.

ACTIONS CONDITION **REQUIRED ACTION** COMPLETION TIME Fuel storage pool water Α. Ä.1 -----NOTE-----level not within limit. LCO 3.0.3 is not applicable. Suspend movement of Immediately irradiated fuel assemblies in the fuel storage pool.

SURVEILLANCE REQUIREMENTS

	FREQUENCY		
SR 3.7.15.1	Verify the fuel storage pool water level is $\ge$ 23 ft above the top of the irradiated fuel assemblies seated in the storage racks.	7 days	
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### 3.7.16 Fuel Storage Pool Boron Concentration

LCO 3.7.16 The fuel storage pool boron concentration shall be  $\geq$  2165 ppm.

APPLICABILITY: When fuel assemblies are stored in the fuel storage pool and a fuel storage pool verification has not been performed since the last movement of fuel assemblies in the fuel storage pool.

#### ACTIONS

	CONDITION	,	REQUIRED ACTION	COMPLETION TIME
	l storage pool boron centration not within		NOTE 0.3 is not applicable.	
		A.1	Suspend movement of fuel assemblies in the fuel storage pool.	Immediately
		AND		
·		A.2.1	Initiate action to restore fuel storage pool boron concentration to within limit.	Immediately
		OR	2	
	• • •	A.2.2	Verify by administrative means that a non-Region 1 fuel storage pool verification has been	Immediately
	·		performed since the last movement of fuel assemblies in the fuel storage pool.	

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# SURVEILLANCE REQUIREMENTS

· · · ·	SURVEILLANCE	FREQUENCY
SR 3.7.16	6.1 Verify the fuel storage pool boron concentration is within limit.	7 days

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### 3.7.17 Spent Fuel Assembly Storage

LCO 3.7.17 The combination of initial enrichment and burnup of each spent fuel assembly stored in Region 2 or 3 shall be within the Acceptable Domain of Figure 3.7.17-1 or in accordance with Specification 4.3.1.1.

# APPLICABILITY: Whenever any fuel assembly is stored in Region 2 or 3 of the fuel storage pool.

#### ACTIONS

	CONDITION	REQUIRED ACTION	COMPLETION TIME
A.	Requirements of the LCO not met.	A.1NOTE LCO 3.0.3 is not applicable.	
-		Initiate action to move the noncomplying fuel assembly to Region 1.	Immediately

### SURVEILLANCE REQUIREMENTS

	SURVEILLANCE	FREQUENCY
•		· · · · · · · · · · · · · · · · · · ·
SR 3.7.17.1	Verify by administrative means the initial enrichment and burnup of the fuel assembly is in accordance with Figure 3.7.17-1 or Specification 4.3.1.1.	Prior to storing the fuel assembly in Region 2 or 3
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·		
	26-30	

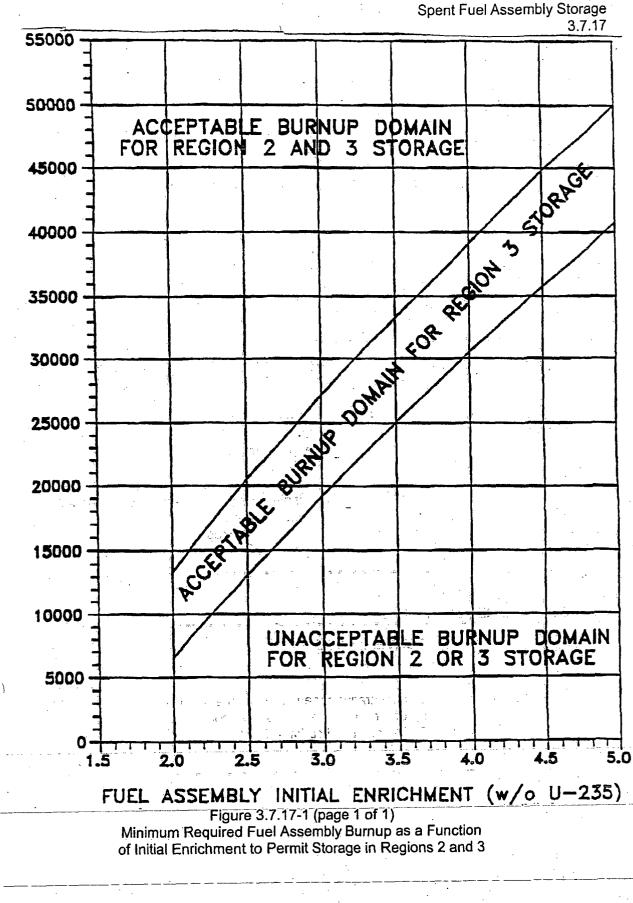
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FUEL ASSEMBLY CUMULATIVE EXPOSURE (MWD/MTU)



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### 3.7.18 Secondary Specific Activity

LCO 3.7.18 The specific activity of the secondary coolant shall be  $\leq$  0.10 µCi/gm DOSE EQUIVALENT I-131.

APPLICABILITY: MODES 1, 2, 3, and 4.

### ACTIONS

CONDITION		REQUIRED ACTION	COMPLETION TIME
A. Specific activity not within limit.	A.1 <u>AND</u>	Be in MODE 3.	6 hours
	A.2	Be in MODE 5.	36 hours

### SURVEILLANCE REQUIREMENTS

· · ·	SURVEILLANCE	FREQUENCY
SR 3.7.18.1	Verify the specific activity of the secondary coolant is $\leq 0.10 \ \mu Ci/gm$ DOSE EQUIVALENT I-131.	31 days

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