

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One channel or train inoperable.	<p>-----NOTE----- While this LCO is not met for Function 18, 19, or 20 in MODE 5, making the Rod Control System capable of rod withdrawal is not permitted. -----</p>	
	C.1 Restore channel or train to OPERABLE status.	48 hours
	<u>OR</u>	
	C.2.1 Initiate action to fully insert all rods.	48 hours
D. One Power Range Neutron Flux-High channel inoperable.	<u>AND</u>	
	C.2.2 Place the Rod Control System in a condition incapable of rod withdrawal.	49 hours
	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing and setpoint adjustment of other channels. -----	
	D.1 Place channel in trip.	72 hours
	<u>OR</u>	
	D.2 Be in MODE 3.	78 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. One channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	E.1 Place channel in trip.	72 hours
	<u>OR</u> E.2 Be in MODE 3.	78 hours
F. One Intermediate Range Neutron Flux channel inoperable.	F.1 Reduce THERMAL POWER to < P-6.	2 hours
	<u>OR</u> F.2 Increase THERMAL POWER to > P-10.	2 hours
G. Two Intermediate Range Neutron Flux channels inoperable.	G.1 Suspend operations involving positive reactivity additions.	Immediately
	<u>AND</u> G.2 Reduce THERMAL POWER to < P-6.	2 hours
H. One Source Range Neutron Flux channel inoperable.	H.1 Suspend operations involving positive reactivity additions.	Immediately

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
I. Two Source Range Neutron Flux channels inoperable.	I.1 Open Reactor Trip Breakers (RTBs).	Immediately
J. One Source Range Neutron Flux channel inoperable.	J.1 Restore channel to OPERABLE status.	48 hours
	<u>OR</u>	
	J.2.1 Initiate action to fully insert all rods.	48 hours
	<u>AND</u>	
	J.2.2 Place the Rod Control System in a condition incapable of rod withdrawal.	49 hours
K. One channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	K.1 Place channel in trip.	72 hours
	<u>OR</u>	
	K.2 Reduce THERMAL POWER to < P-7.	78 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
L. One Turbine Trip channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	L.1 Place channel in trip.	72 hours
	<u>OR</u> L.2 Reduce THERMAL POWER to < P-8.	78 hours
M. One train inoperable.	-----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. -----	
	M.1 Restore train to OPERABLE status.	24 hours
	<u>OR</u> M.2 Be in MODE 3.	30 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
N. One RTB train inoperable.	-----NOTES----- 1. One train may be bypassed for up to 4 hours for surveillance testing, provided the other train is OPERABLE. -----	
	N.1 Restore train to OPERABLE status.	24 hours
	<u>OR</u>	
	N.2 Be in MODE 3.	30 hours
O. One or more channels inoperable.	0.1 Verify interlock is in required state for existing unit conditions.	1 hour
	<u>OR</u> 0.2 Be in MODE 3.	7 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
P. One or more channels inoperable.	P.1 Verify interlock is in required state for existing unit conditions.	1 hour
	<u>OR</u> P.2 Be in MODE 2.	7 hours
Q. One trip mechanism inoperable for one RTB.	Q.1 Restore inoperable trip mechanism to OPERABLE status.	48 hours
	<u>OR</u> Q.2 Be in MODE 3.	54 hours
R. One Reactor Coolant Pump (RCP) Breaker Position channel(per train) inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 4 hours for surveillance testing of other channels. -----	
	R.1 Place channel in trip. <u>OR</u> R.2 Reduce THERMAL POWER to < P-7.	6 hours 12 hours

SURVEILLANCE REQUIREMENTS

-----NOTE-----
Refer to Table 3.3.1-1 to determine which SRs apply for each RTS Function.

SURVEILLANCE		FREQUENCY
SR 3.3.1.1	Perform CHANNEL CHECK.	12 hours
SR 3.3.1.2	<p>-----NOTES-----</p> <ol style="list-style-type: none"> 1. Adjust NIS channel if absolute difference is $> 2\%$. 2. Not required to be performed until 12 hours after THERMAL POWER is $\geq 15\%$ RTP. <p>-----</p> <p>Compare results of calorimetric heat balance calculation to Nuclear Instrumentation System (NIS) channel output.</p>	24 hours
SR 3.3.1.3	<p>-----NOTES-----</p> <ol style="list-style-type: none"> 1. Adjust NIS channel if absolute difference is $\geq 3\%$. 2. Only required to be performed with THERMAL POWER $> 15\%$ RTP. <p>-----</p> <p>Compare results of the incore measurements to NIS AFD.</p>	<p>Prior to exceeding 75% RTP after each refueling</p> <p><u>AND</u></p> <p>31 Effective Full Power Days (EFPD) thereafter</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.3.1.4	<p>-----NOTE----- This Surveillance must be performed on the RTBB prior to placing the bypass breaker in service. -----</p> <p>Perform TADOT.</p>	62 days on a STAGGERED TEST BASIS
SR 3.3.1.5	Perform ACTUATION LOGIC TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.1.6	<p>-----NOTE----- Not required to be performed until 24 hours after THERMAL POWER is \geq 75% RTP. -----</p> <p>Calibrate excore channels to agree with incore measurements.</p>	92 EFPD
SR 3.3.1.7	<p>-----NOTE----- Not required to be performed for source range instrumentation prior to entering MODE 3 from MODE 2 until 4 hours after entry into MODE 3. -----</p> <p>Perform COT.</p>	184 days

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.3.1.8 -----NOTE----- This Surveillance shall include verification that interlocks P-6 and P-10 are in their required state for existing unit conditions. ----- Perform COT.</p>	<p>-----NOTE----- Only required when not performed within previous 184 days ----- Prior to reactor startup <u>AND</u> Four hours after reducing power below P-10 for power and intermediate instrumentation <u>AND</u> Four hours after reducing power below P-6 for source range instrumentation <u>AND</u> Every 184 days thereafter</p>

(continued)

RTS Instrumentation 3.3.1

Table 3.3.1-1 (page 2 of 6)
Reactor Trip System Instrumentation

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS	CONDITIONS	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
6. Overtemperature ΔT	1,2	4	E	SR 3.3.1.1 SR 3.3.1.3 SR 3.3.1.6 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	Refer to Note 1 (Page 3.3.1-17)
7. Overpower ΔT	1,2	4	E	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	Refer to Note 2 (Page 3.3.1-18)
8. Pressurizer Pressure					
a. Low	1(e)	4	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	≥ 1875 psig
b. High	1,2	4	E	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	≤ 2393 psig
9. Pressurizer Water Level-High	1(e)	3	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10	$\leq 93.5\%$ of instrument span
10. Reactor Coolant Flow-Low (per loop)	1(e)	3	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	$\geq 89.3\%$ of loop minimum measured flow
11. Reactor Coolant Pump (RCP) Breaker Position (per train)	1(e)	4	R	SR 3.3.1.13	NA

(continued)

(e) Above the P-7 (Low Power Reactor Trips Block) interlock.

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One train inoperable.	C.1 -----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. -----	
	Restore train to OPERABLE status.	24 hours
	<u>OR</u>	
	C.2.1 Be in MODE 3. <u>AND</u> C.2.2 Be in MODE 5.	30 hours 60 hours
D. One channel inoperable.	D.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	Place channel in trip.	72 hours
	<u>OR</u>	
	D.2.1 Be in MODE 3. <u>AND</u> D.2.2 Be in MODE 4.	78 hours 84 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. One Containment Pressure channel inoperable.	E.1 -----NOTE----- One additional channel may be bypassed for up to 12 hours for surveillance testing. -----	
	Place channel in bypass.	72 hours
	<u>OR</u>	
	E.2.1 Be in MODE 3. <u>AND</u> E.2.2 Be in MODE 4.	78 hours 84 hours
F. One channel or train inoperable.	F.1 Restore channel or train to OPERABLE status.	48 hours
	<u>OR</u>	
	F.2.1 Be in MODE 3. <u>AND</u> F.2.2 Be in MODE 4.	54 hours 60 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
G. One train inoperable.	G.1 -----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. -----	
	Restore train to OPERABLE status.	24 hours
	<u>OR</u>	
	G.2.1 Be in MODE 3. <u>AND</u> G.2.2 Be in MODE 4.	30 hours 36 hours
H. One channel inoperable.	H.1 -----NOTE----- One channel may be bypassed for up to 2 hours for surveillance testing provided the other channel is OPERABLE. -----	
	Place channel in trip.	1 hour
	<u>OR</u>	
	H.2.1 Be in MODE 3. <u>AND</u> H.2.2 Be in MODE 4.	7 hours 13 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
I. One channel inoperable.	I.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	Place channel in trip.	72 hours
	<u>OR</u> I.2 Be in MODE 3.	78 hours
J. One or more trains inoperable.	J.1 Declare associated auxiliary feedwater pump inoperable.	Immediately
K. One channel inoperable.	K.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	Place channel in trip.	72 hours
	<u>OR</u> K.2.1 Be in MODE 3.	78 hours
	<u>AND</u> K.2.2 Be in MODE 5.	108 hours

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.3.2.4	Perform ACTUATION LOGIC TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.2.5	Perform MASTER RELAY TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.2.6	-----NOTE----- Verification of relay setpoints not required. ----- Perform TADOT.	92 days
SR 3.3.2.7	Perform COT.	184 days
SR 3.3.2.8	Perform SLAVE RELAY TEST.	18 months
SR 3.3.2.9	-----NOTE----- Verification of setpoint not required. ----- Perform TADOT.	18 months

(continued)

SURVEILLANCE REQUIREMENTS

-----NOTE-----
Refer to Table 3.3.6-1 to determine which SRs apply for each Containment Ventilation Isolation Function.

SURVEILLANCE	FREQUENCY
SR 3.3.6.1 Perform CHANNEL CHECK.	12 hours
<p>----- NOTE ----- This Surveillance is only applicable to the actuation logic of the ESFAS Instrumentation. -----</p>	
SR 3.3.6.2 Perform ACTUATION LOGIC TEST.	92 days on a STAGGERED TEST BASIS
<p>----- NOTE ----- This Surveillance is only applicable to the master relays of the ESFAS Instrumentation. -----</p>	
SR 3.3.6.3 Perform MASTER RELAY TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.6.4 Perform COT.	92 days
SR 3.3.6.5 Perform SLAVE RELAY TEST.	18 months
SR 3.3.6.6 Perform CHANNEL CALIBRATION.	18 months

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One channel or train inoperable.	-----NOTE----- While this LCO is not met for Function 18, 19, or 20 in MODE 5, making the Rod Control System capable of rod withdrawal is not permitted. -----	
	C.1 Restore channel or train to OPERABLE status.	48 hours
	<u>OR</u>	
	C.2.1 Initiate action to fully insert all rods. <u>AND</u> C.2.2 Place the Rod Control System in a condition incapable of rod withdrawal.	48 hours 49 hours
D. One Power Range Neutron Flux-High channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing and setpoint adjustment of other channels. -----	
	D.1 Place channel in trip.	72 hours
	<u>OR</u> D.2 Be in MODE 3.	78 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. One channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	E.1 Place channel in trip.	72 hours
	<u>OR</u> E.2 Be in MODE 3.	78 hours
F. One Intermediate Range Neutron Flux channel inoperable.	F.1 Reduce THERMAL POWER to < P-6.	2 hours
	<u>OR</u> F.2 Increase THERMAL POWER to > P-10.	2 hours
G. Two Intermediate Range Neutron Flux channels inoperable.	G.1 Suspend operations involving positive reactivity additions.	Immediately
	<u>AND</u> G.2 Reduce THERMAL POWER to < P-6.	2 hours
H. One Source Range Neutron Flux channel inoperable.	H.1 Suspend operations involving positive reactivity additions.	Immediately

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
I. Two Source Range Neutron Flux channels inoperable.	I.1 Open Reactor Trip Breakers (RTBs).	Immediately
J. One Source Range Neutron Flux channel inoperable.	J.1 Restore channel to OPERABLE status. <u>OR</u> J.2.1 Initiate action to fully insert all rods. <u>AND</u> J.2.2 Place the Rod Control System in a condition incapable of rod withdrawal.	48 hours 48 hours 49 hours
K. One channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. ----- K.1 Place channel in trip. <u>OR</u> K.2 Reduce THERMAL POWER to < P-7.	 72 hours 78 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
L. One Turbine Trip channel inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	L.1 Place channel in trip.	72 hours
	<u>OR</u> L.2 Reduce THERMAL POWER to < P-8.	78 hours
M. One train inoperable.	-----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. -----	
	M.1 Restore train to OPERABLE status.	24 hours
	<u>OR</u> M.2 Be in MODE 3.	30 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
N. One RTB train inoperable.	<p>-----NOTES-----</p> <p>1. One train may be bypassed for up to 4 hours for surveillance testing, provided the other train is OPERABLE.</p> <p>-----</p>	
	N.1 Restore train to OPERABLE status.	24 hours
	OR N.2 Be in MODE 3.	30 hours
O. One or more channels inoperable.	0.1 Verify interlock is in required state for existing unit conditions.	1 hour
	OR 0.2 Be in MODE 3.	7 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
P. One or more channels inoperable.	P.1 Verify interlock is in required state for existing unit conditions.	1 hour
	<u>OR</u> P.2 Be in MODE 2.	7 hours
Q. One trip mechanism inoperable for one RTB.	Q.1 Restore inoperable trip mechanism to OPERABLE status.	48 hours
	<u>OR</u> Q.2 Be in MODE 3.	54 hours
R. One Reactor Coolant Pump (RCP) Breaker Position channel(per Train) inoperable.	-----NOTE----- The inoperable channel may be bypassed for up to 4 hours for surveillance testing of other channels. -----	
	R.1 Place channel in trip. <u>OR</u> R.2 Reduce THERMAL POWER to < P-7.	6 hours 12 hours

SURVEILLANCE REQUIREMENTS

-----NOTE-----
Refer to Table 3.3.1-1 to determine which SRs apply for each RTS Function.

SURVEILLANCE		FREQUENCY
SR 3.3.1.1	Perform CHANNEL CHECK.	12 hours
SR 3.3.1.2	<p>-----NOTES-----</p> <ol style="list-style-type: none"> 1. Adjust NIS channel if absolute difference is > 2%. 2. Not required to be performed until 12 hours after THERMAL POWER is \geq 15% RTP. <p>-----</p> <p>Compare results of calorimetric heat balance calculation to Nuclear Instrumentation System (NIS) channel output.</p>	24 hours
SR 3.3.1.3	<p>-----NOTES-----</p> <ol style="list-style-type: none"> 1. Adjust NIS channel if absolute difference is \geq 3%. 2. Only required to be performed with THERMAL POWER > 15% RTP. <p>-----</p> <p>Compare results of the incore measurements to NIS AFD.</p>	<p>Prior to exceeding 75% RTP after each refueling</p> <p><u>AND</u></p> <p>31 Effective Full Power Days (EFPD) thereafter</p>

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.3.1.4	<p>-----NOTE----- This Surveillance must be performed on the RTBB prior to placing the bypass breaker in service. -----</p> <p>Perform TADOT.</p>	62 days on a STAGGERED TEST BASIS
SR 3.3.1.5	Perform ACTUATION LOGIC TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.1.6	<p>-----NOTE----- Not required to be performed until 24 hours after THERMAL POWER is \geq 75% RTP. -----</p> <p>Calibrate excore channels to agree with incore measurements.</p>	92 EFPD
SR 3.3.1.7	<p>-----NOTE----- Not required to be performed for source range instrumentation prior to entering MODE 3 from MODE 2 until 4 hours after entry into MODE 3. -----</p> <p>Perform COT.</p>	184 days

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.3.1.8 -----NOTE----- This Surveillance shall include verification that interlocks P-6 and P-10 are in their required state for existing unit conditions. ----- Perform COT.</p>	<p>-----NOTE----- Only required when not performed within previous 184 days ----- Prior to reactor startup <u>AND</u> Four hours after reducing power below P-10 for power and intermediate instrumentation <u>AND</u> Four hours after reducing power below P-6 for source range instrumentation <u>AND</u> Every 184 days thereafter</p>

(continued)

RTS Instrumentation
3.3.1

Table 3.3.1-1 (page 2 of 6)
Reactor Trip System Instrumentation

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS	CONDITIONS	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
6. Overtemperature ΔT	1,2	4	E	SR 3.3.1.1 SR 3.3.1.3 SR 3.3.1.6 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	Refer to Note 1 (Page 3.3.1-17)
7. Overpower ΔT	1,2	4	E	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	Refer to Note 2 (Page 3.3.1-18)
8. Pressurizer Pressure					
a. Low	1(e)	4	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	≥ 1875 psig
b. High	1,2	4	E	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	≤ 2393 psig
9. Pressurizer Water Level-High	1(e)	3	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10	$\leq 93.5\%$ of instrument span
10. Reactor Coolant Flow-Low (per loop)	1(e)	3	K	SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.10 SR 3.3.1.15	$\geq 89.3\%$ of loop minimum measured flow
11. Reactor Coolant Pump (RCP) Breaker Position (per train)	1(e)	4	R	SR 3.3.1.13	NA

(continued)

(e) Above the P-7 (Low Power Reactor Trips Block) interlock.

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. One train inoperable.	C.1 -----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. ----- Restore train to OPERABLE status.	24 hours
	<u>OR</u>	
	C.2.1 Be in MODE 3.	30 hours
	<u>AND</u> C.2.2 Be in MODE 5.	60 hours
D. One channel inoperable.	D.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. ----- Place channel in trip.	72 hours
	<u>OR</u>	
	D.2.1 Be in MODE 3.	78 hours
	<u>AND</u> D.2.2 Be in MODE 4.	84 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. One Containment Pressure channel inoperable.	E.1 -----NOTE----- One additional channel may be bypassed for up to 12 hours for surveillance testing. -----	
	Place channel in bypass.	72 hours
	<u>OR</u>	
	E.2.1 Be in MODE 3. <u>AND</u>	78 hours
	E.2.2 Be in MODE 4.	84 hours
F. One channel or train inoperable.	F.1 Restore channel or train to OPERABLE status.	48 hours
	<u>OR</u>	
	F.2.1 Be in MODE 3. <u>AND</u>	54 hours
	F.2.2 Be in MODE 4.	60 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
G. One train inoperable.	G.1 -----NOTE----- One train may be bypassed for up to 4 hours for surveillance testing provided the other train is OPERABLE. ----- Restore train to OPERABLE status.	24 hours
	<u>OR</u>	
	G.2.1 Be in MODE 3.	30 hours
	<u>AND</u> G.2.2 Be in MODE 4.	36 hours
H. One channel inoperable.	H.1 -----NOTE----- One channel may be bypassed for up to 2 hours for surveillance testing provided the other channel is OPERABLE. ----- Place channel in trip.	1 hour
	<u>OR</u>	
	H.2.1 Be in MODE 3.	7 hours
	<u>AND</u> H.2.2 Be in MODE 4.	13 hours

(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
I. One channel inoperable.	I.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	Place channel in trip.	72 hours
	<u>OR</u> I.2 Be in MODE 3.	78 hours
J. One or more trains inoperable.	J.1 Declare associated auxiliary feedwater pump inoperable.	Immediately
K. One channel inoperable.	K.1 -----NOTE----- The inoperable channel may be bypassed for up to 12 hours for surveillance testing of other channels. -----	
	Place channel in trip.	72 hours
	<u>OR</u> K.2.1 Be in MODE 3.	78 hours
	<u>AND</u> K.2.2 Be in MODE 5.	108 hours

(continued)

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.3.2.4	Perform ACTUATION LOGIC TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.2.5	Perform MASTER RELAY TEST.	92 days on a STAGGERED TEST BASIS
SR 3.3.2.6	-----NOTE----- Verification of relay setpoints not required. ----- Perform TADOT.	92 days
SR 3.3.2.7	Perform COT.	184 days
SR 3.3.2.8	Perform SLAVE RELAY TEST.	18 months
SR 3.3.2.9	-----NOTE----- Verification of setpoint not required. ----- Perform TADOT.	18 months

(continued)

Containment Ventilation Isolation Instrumentation
3.3.6

SURVEILLANCE REQUIREMENTS

-----NOTE-----
Refer to Table 3.3.6-1 to determine which SRs apply for each Containment
Ventilation Isolation Function.

SURVEILLANCE	FREQUENCY
SR 3.3.6.1 Perform CHANNEL CHECK.	12 hours
<p style="text-align: center;">----- NOTE ----- This Surveillance is only applicable to the actuation logic of the ESFAS Instrumentation. -----</p> <p>SR 3.3.6.2 Perform ACTUATION LOGIC TEST.</p>	92 days on a STAGGERED TEST BASIS
<p style="text-align: center;">----- NOTE ----- This Surveillance is only applicable to the master relays of the ESFAS Instrumentation. -----</p> <p>SR 3.3.6.3 Perform MASTER RELAY TEST.</p>	92 days on a STAGGERED TEST BASIS
SR 3.3.6.4 Perform COT.	92 days
SR 3.3.6.5 Perform SLAVE RELAY TEST.	18 months
SR 3.3.6.6 Perform CHANNEL CALIBRATION.	18 months