ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (continued)	A.2 ----------NOTES---------- 1. Isolation devices in high radiation areas may be verified by use of administrative means. 2. Isolation devices that are locked, sealed or otherwise secured may be verified by use of administrative means. ---------- Verify the affected penetration flow path is isolated.	following isolation Once per 31 days for isolation devices outside containment AND Prior to entering MODE 4 from MODE 5 if not performed within the previous 92 days for isolation devices inside containment
B. ----------NOTE---------- Only applicable to penetration flow paths with two containment isolation valves. ---------- One or more penetration flow paths with two containment isolation valves inoperable.	B.1 Isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve, or blind flange.	1 hour

(continued)

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
C. ----------NOTE---------- Only applicable to penetration flow paths with only one containment isolation valve and a closed system. ---------- One or more penetration flow paths with one containment isolation valve inoperable.	C.1 Isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve, or blind flange. AND C.2 ----------NOTES---------- 1. Isolation devices in high radiation areas may be verified by use of administrative means. 2. Isolation devices that are locked, sealed, or otherwise secured may be verified by use of administrative means. ---------- Verify the affected penetration flow path is isolated.	72 hours following isolation Once per 31 days for isolation devices outside containment AND Prior to entering Mode 4 from Mode 5 if not performed within the previous 92 days for isolation devices inside containment

(continued)

3.7 PLANT SYSTEMS

3.7.2 Main Steam Isolation Valves (MSIVs) and Non-Return Check Valves

LCO 3.7.2 Two MSIVs and two non-return check

[OR

---------- NOTE ----------
Not applicable when more than one valve inoperable in one SG flowpath.

In accordance with the Risk Informed Completion Time Program]

APPLICABILITY: MODES 1, 2 and 3

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One Steam Generator flowpath with one or more inoperable valves in MODE 1.	A.1 Restore valve to OPERABLE status.	8 hours
B. Required Action and associated Completion Time of Condition A not met.	B.1 Be in MODE 2.	6 hours
C. ----------NOTE---------- Separate Condition entry is allowed for each Steam Generator flowpath. ----------	----------NOTE---------- An inoperable flowpath may be opened under administrative controls to allow cool down of the affected unit. ----------	
One or both MSIVs inoperable in MODE 2 or 3.	C.1 Close and de-activate the MSIV in the affected flowpath.	8 hours
OR	AND	
One or both non-return check valves inoperable in MODE 2 or 3.	C.2 Close non-return check valve in the affected flowpath.	8 hours
	AND	

(continued)

3.7 PLANT SYSTEMS

3.7.4 Atmospheric Dump Valve (ADV) Flowpaths

LCO 3.7.4 Two ADV flowpaths shall be OPERAB[OR

In accordance with the Risk Informed Completion Time Program]

APPLICABILITY: MODES 1, 2, and 3,
MODE 4 when steam generator is relied upon for heat removal.

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. One required ADV flowpath inoperable.	A.1	Restore required ADV flowpath to OPERABLE status.	7 days
B. Two required ADV flowpaths inoperable.	B.1	Restore one ADV flowpath to OPERABLE status.	1 hour
C. Required Action and associated Completion Time not met.	C.1 AND	Be in MODE 3.	6 hours
	C.2	Be in MODE 4 without reliance upon steam generator for heat removal.	18 hours

3.7 PLANT SYSTEMS

3.7.5 Auxiliary Feedwater (AFW)

LCO 3.7.5 The AFW System shall be OPERABLE with; one turbine driven AFW pump system and one motor driven AFW pump system:

----------NOTE----------
Only the motor driven AFW pump system is required to be OPERABLE in MODE 4.

APPLICABILITY: MODES 1, 2, and 3,
MODE 4 when steam generator is relied upon for heat removal.

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

----------NOTE----------
LCO 3.0.4.b is not applicable.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Turbine driven AFW pump system inoperable due to one inoperable steam supply. OR ----------NOTE---------- Only applicable if MODE 2 has not been entered following refueling. ---------- Turbine driven AFW pump system inoperable in MODE 3 following refueling.	A.1 Restore affected equipment to OPERABLE status.	7 days ~~AND~~ ~~10 days from discovery of failure to meet the LCO~~

(continued)

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. One AFW pump system inoperable in MODE 1, 2 or 3 for reasons other than Condition A.	B.1 Restore AFW pump system to OPERABLE status.	72 hours ~~AND~~ ~~10 days from discovery of failure to meet the LCO~~
C. Turbine driven AFW pump system inoperable due to one inoperable steam supply. AND Motor driven AFW pump system inoperable.	C.1 Restore the steam supply to the turbine driven pump system to OPERABLE status. OR C.2 Restore the motor driven AFW pump system to OPERABLE status.	24 hours OR 48 hours if motor driven AFW pump system is available from the opposite unit.

(continued)

3.7 PLANT SYSTEMS

3.7.7 Component Cooling Water (CC) System

LCO 3.7.7 The CC System shall be OPERABLE with; two CC pumps, and two required CC heat exchangers.

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

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

----------NOTE----------
Enter applicable Conditions and Required Actions of LCO 3.4.6, "RCS Loops — MODE 4," for residual heat removal loops made inoperable by CC.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One CC pump inoperable.	A.1 Restore CC pump to OPERABLE status.	72 hours ~~AND~~ ~~144 hours from discovery of failure to meet the LCO~~
B. One required CC heat exchanger inoperable.	B.1 Restore required CC heat exchanger to OPERABLE status.	72 hours ~~AND~~ ~~144 hours from discovery of failure to meet the LCO~~
C. Required Action and associated Completion Time not met.	C.1 Be in MODE 3. AND C.2 Be in MODE 5.	6 hours 36 hours

3.7 PLANT SYSTEMS

3.7.8 Service Water (SW) System

LCO 3.7.8 The SW System shall be OPERABLE with:

a. Six OPERABLE SW pumps;

b. SW ring header continuous flowpath not interrupted;

c. Required automatic non-essential-SW-load isolation valves OPERABLE or affected non-essential flowpath isolated; and

d. Opposite unit containment accident fan cooler unit SW outlet motor operated valves closed or SW flowpath isolated.

---NOTE---
Only five SW pumps are required to be OPERABLE with one unit in MODE 5 or 6, or defueled, and the SW System capable of providing required cooling water flow to required equipment.

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

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

---NOTE---
Enter applicable Conditions and Required Actions for systems made inoperable by SW System.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One SW pump inoperable. AND Both units in MODES 1, 2, 3, or 4.	A.1 Restore SW pump to OPERABLE status.	7 days ~~AND~~ ~~14 days from discovery of failure to meet the LCO~~

(continued)

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. Two or three SW pumps inoperable.	B.1 Restore SW pump(s) to OPERABLE status.	72 hours
C. SW ring header continuous flowpath interrupted.	C.1 Verify SW System capable of providing required cooling water flow to required equipment. AND	1 hour
	C.2 Restore the SW ring header continuous flowpath.	7 days ~~AND~~ ~~14 days from discovery of failure to meet the LCO~~
D. ----------NOTE---------- Separate Condition entry is allowed for each non-essential-SW-load flowpath. ---------- One or more non-essential-SW-load flowpath(s) with one required automatic isolation valve inoperable. AND Affected non-essential flowpath(s) not isolated.	D.1 ----------NOTE---------- Not required to be met if in Condition E. ---------- Verify required redundant automatic isolation valve in the affected non-essential flowpath(s) OPERABLE. AND	1 hour
	D.2 Isolate the affected non-essential flowpath(s).	72 hours ~~AND~~ ~~14 days from discovery of failure to meet the LCO~~

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.1 AC Sources—Operating

LCO 3.8.1 The following AC electrical power sources shall be OPERABLE:

a. One circuit between the offsite transmission network and the associated unit's 4.16 kV Class 1E safeguards buses, A05 and A06, utilizing the associated unit's 345/13.8 kV (X03) transformer or the opposite unit's 345/13.8 kV (X03) transformer with the gas turbine in operation, and the associated unit's 13.8/4.16 kV (X04) transformer;

b. One circuit between the offsite transmission network and the opposite unit's 4.16 kV Class 1E safeguards buses, A05 and A06; and

c. One standby emergency power source capable of supplying each 4.16 kV/480 V Class 1E safeguards bus.

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

ACTIONS

----------NOTE----------
LCO 3.0.4.b is not applicable to standby emergency power sources.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Associated unit 345/13.8 kV (X03) transformer inoperable. <u>OR</u> Gas turbine not in operation when utilizing opposite unit's 345/13.8 kV (X03) transformer.	A.1 Verify one circuit between the offsite transmission network and the associated unit's 4.16 kV Class 1E safeguards buses, A05 and A06, utilizing the opposite unit's 345/13.8 kV (X03) transformer. <u>AND</u>	24 hours (continued)

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (continued)	A.2 Verify gas turbine in operation.	24 hours
B. Associated unit's 13.8/4.16 kV (X04) transformer inoperable.	B.1 Restore associated unit's 13.8/4.16 kV (X04) transformer to OPERABLE status.	24 hours
C. Associated unit's required offsite power source to buses A05 and A06 inoperable. OR Required offsite power source to buses 1A05 and 2A06 inoperable.	C.1 Restore required offsite power source(s) to OPERABLE status.	24 hours
D. One or more required offsite power source(s) to one or more required Class 1E 4.16 kV bus(es) inoperable.	D.1 Declare required feature(s) supported by the inoperable required offsite power source inoperable when its required redundant feature(s) is inoperable. AND D.2 Restore required offsite power source(s) to OPERABLE status.	12 hours from discovery of Condition D concurrent with inoperability of redundant required feature(s) 7 days ~~AND~~ ~~14 days from discovery of failure to meet LCO~~

[OR

---------- NOTE ----------

Not applicable when more than one offsite power source inoperable or when one offsite power source to more than one required Class 1E 4.16kV bus inoperable.

In accordance with the Risk Informed Completion Time Program]

(continued)

[OR

---------- NOTE ----------

Not applicable when more than one offsite power source inoperable or when one offsite power source to more than one Class 1E 4.16kV safeguard bus inoperable.

In accordance with the Risk Informed Completion Time Program]

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
F. One or more required offsite power source to one or more Class 1E 4.16 kV safeguards bus(es) inoperable. AND Standby emergency power inoperable to redundant equipment.	----------NOTE---------- Enter applicable Conditions and Required Actions of LCO 3.8.9, "Distribution Systems–Operating," when Condition F is entered with no AC power to any train. ---------- F.1 Restore required offsite circuit to OPERABLE status. OR F.2 Restore required standby emergency power source to OPERABLE status.	12 hours 12 hours
G. Standby emergency power to buses 1A05/1B03 and 1A06/1B04 inoperable. OR Standby emergency power to buses 2A05/2B03 and 2A06/2B04 inoperable. OR Standby emergency power to buses 1A05/1B03 and 2A06/2B04 inoperable.	G.1 Restore one required standby emergency power source to OPERABLE status.	2 hours

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.4 DC Sources—Operating

LCO 3.8.4 The D-01, D-02, D-03, and D-04 DC electrical power subsystems shall be OPERABLE.

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

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One DC electrical power subsystem inoperable.	----------NOTE---------- Enter applicable Conditions and Required Actions of LCO 3.8.9, "Distribution Systems—Operating," when any DC bus is de-energized. ---------- A.1 Restore DC electrical power subsystem to OPERABLE status.	2 hours
B. Required Action and Associated Completion Time not met.	B.1 Be in MODE 3. AND B.2 Be in MODE 5.	6 hours 36 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.8.4.1	Verify correct battery terminal voltage is within limits on float charge.	In accordance with the Surveillance Frequency Control Program

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.7 Inverters—Operating

LCO 3.8.7 Four inverters shall be OPERABLE.

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

[OR

In accordance with the Risk Informed Completion Time Program]

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. One required inverter inoperable.	A.1	----------NOTE---------- Enter applicable Conditions and Required Actions of LCO 3.8.9, "Distribution Systems - Operating" with any vital bus de-energized. ---------- Restore inverter to OPERABLE status.	 8 hours
B. Required Action and associated Completion Time not met.	B.1 AND B.2	Be in MODE 3. Be in MODE 5.	6 hours 36 hours

5.5 Programs and Manuals

5.5.7 ~~DELETED~~

Add new 5.5.7 from next page

INSERT new Section 5.5.7

ADMINISTRATIVE CONTROLS

Programs and Manuals

Risk Informed Completion Time Program

This program provides controls to calculate a Risk Informed Completion Time (RICT) and must be implemented in accordance with NEI 06-09, "Risk-Informed Technical Specifications Initiative 4b: Risk-Managed Technical Specifications (RMTS) Guidelines," Revision 0-A, November 2006. The program shall include the following:

a. The RICT may not exceed 30 days;

b. A RICT may only be utilized in MODES 1 and 2;

c. When a RICT is being used, any change to the plant configuration, as defined in NEI 06-09-A, Appendix A, must be considered for the effect on the RICT.

   1. For planned changes, the revised RICT must be determined prior to implementation of the change in configuration.

   2. For emergent conditions, the revised RICT must be determined within the time limits of the Required Action Completion Time (i.e., not the RICT) or 12 hours after the plant configuration change, whichever is less.

   3. Revising the RICT is not required if the plant configuration change would lower plant risk and would result in a longer RICT.

d. For emergent conditions, if the extent of condition evaluation for inoperable structures, systems, or components (SSCs) is not complete prior to exceeding the Completion Time, the RICT shall account for the increased possibility of common cause failure (CCF) by either:

   1. Numerically accounting for the increased possibility of CCF in the RICT calculation, or

   2. Risk Management Actions (RMAs) not already credited in the RICT calculation shall be implemented that support redundant or diverse SSCs that perform the function(s) of the inoperable SSCs, and, if practicable, reduce the frequency of initiating events that challenge the function(s) performed by the inoperable SSCs.

e. The risk assessment approaches and methods shall be acceptable to the NRC. The plant PRA shall be based on the as-built, as-operated, and maintained plant; and reflect the operating experience at the plant, as specified in Regulatory Guide 1.200, Revision 2. Methods to assess the risk from extending the Completion Times must be PRA methods used to support this license amendment, or other methods approved by the NRC for generic use; and any change in the PRA methods to assess risk that are outside these approval boundaries require prior NRC approval.