OPERATIONS SURVEILLANCE PROGRAM REQUIREMENTS

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OPERATIONS SURVEILLANCE PROGRAM REQUIREMENTS

1.0 OBJECTIVE

1.1 To delineate the responsibilities and requirements of the Operations Department Technical Specifications Surveillance Program as required by SO123-G-3.

2.0 REFERENCES

2.1 Licensing Commitment

2.1.1 Technical Specifications

2.2 Site Order

2.2.1 SO123-G-3, "Technical Specification Surveillance Requirements"

2.3 Procedures

2.3.1 SO123-VI-0.9, "Documents - Author's Guide to the Preparation of Site Orders, Procedures, and Instructions"

2.3.2 SO123-XV-5.0, "Non-conforming Materials, Parts, or Components"

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3.0 PREREQUISITE

3.1 Prior to use of an uncontrolled (pink) copy of this Site Document to perform work, verify that it is current by checking a controlled copy and any TCNs or by use of the method described in SO123-VI-0.9.

4.0 PRECAUTIONS

4.1 Failure to perform a Tech. Spec. surveillance within the specified time interval shall constitute a failure to meet the operability requirements of the Limiting Conditions for Operation (LCO). (Ref. 2.1.1, 4.0.3)

4.2 Entry into an operational mode or applicable condition as specified by a Tech. Spec. LCO shall not be made until the required associated surveillances have been successfully completed. (Ref. 2.1.1, 4.0.4)

5.0 CHECKLIST(S)

5.1 None.

6.0 PROCEDURE

6.1 Surveillance Program Responsibilities

6.1.1 The Plant Superintendent has the overall responsibility for the Operations Department Technical Specifications Surveillance Program (TSSP).

6.1.2 The Supervisor of Plant Coordination is responsible for ensuring proper implementation of the TSSP and approving the daily Tech. Spec. Surveillance Control Sheets.

6.1.3 The Surveillance Coordinator is responsible for generating the daily Tech. Spec. Surveillance Control Sheets for the operating shifts, producing the Surveillance Report for the cognizant Equipment Control and Operations Supervisors, and auditing completed surveillance documents for deficiencies.

6.1.4 The SRO Ops. Supervisor is responsible for authorizing the performance of Surveillance Operating Instructions (SOIs) [except shiftly, daily and weekly SOIs], reviewing the completeness, accuracy, and results of SOIs, taking action to maintain/restore equipment operability, reporting schedule deviations to the Surveillance Coordinator, reporting unsatisfactory SOI results to the Shift Superintendent, and initiating a LCOAR/EDMR, as applicable.

6.1.5 The Control Operator is responsible for completing the scheduled SOIs and informing the SRO Ops. Supervisor of deficiencies/difficulties encountered.

6.1.6 The Supervisor of Operations Procedures is responsible for ensuring the SOIs conform to the latest Technical Specification requirements/amendments.

6.2 Surveillance Scheduling Guidelines

NOTES: 1. The Operations designated surveillances in SO23-XV-3.0 are cross-referenced to specific Surveillance Operating Instructions in Attachment 1.

2. Surveillance intervals and notations are described in Attachment 3.

3. There is no requirement to perform surveillances on inoperable equipment. (Ref. 2.1.1, 4.0.3)

6.2.1 Surveillance requirements shall be applicable during the operational modes and conditions specified in the LCOs. (Ref. 2.1.1, 4.0.1)

6.0 PROCEDURE (Continued)

CAUTION
=======
Failure to perform a Tech. Spec. surveillance within the specified time interval shall constitute a failure to meet the operability requirements of the Limiting Conditions for Operation (LCO). (Ref. 2.1.1, 4.0.3)

6.2.2 Each surveillance requirement shall be performed within the specified time interval with a maximum extension not to exceed 25% of the surveillance interval, and the combined time interval for any three consecutive surveillance intervals not to exceed 3.25 times the specified time interval. (Ref. 2.1.1, 4.0.2)

6.2.3 For conservatism and simplification the Operations surveillance schedule is based on a month containing exactly 28 days or 4 week cycles. (In effect this creates 13 months per year.)

.1 Surveillances on redundant equipment required to be tested on a staggered basis are scheduled on different week cycles (i.e., a monthly surveillance on Train B would normally be performed two week cycles later than Train A).

.2 Any extensions allowed by step 6.2.2 are based on the Tech. Spec. interval rather than the actual scheduling frequency.

6.2.4 The computerized Operations Surveillance Tracking and Scheduling Program (OSTSP) generates the daily Tech. Spec. Surveillance Control Sheet (TSSCS) which is facsimiled as Attachment 2.

.1 The TSSCS contains all of the shiftly and daily surveillances. In addition, it contains all of the longer interval surveillances from Attachment 1, which currently need to be performed.

.2 During Refueling Outages, the TSSCS contains the additional surveillances required to be performed on an 18 month or refueling interval.

6.0 PROCEDURE (Continued)

6.2.5 The daily TSSCS will be implemented as follows:

.1 The Surveillance Coordinator reviews the TSSCS and consults with the Equipment Control Coordinators to determine if all scheduled surveillances can be performed. Any which cannot be performed are rescheduled within the limits of step 6.2.2.

.2 The final/corrected TSSCS is placed in a red loose-leaf binder (Red Book) and submitted to the Supervisor of Plant Coordination (or his designee) for approval. (There is a separate Red Book for each Control Room station: Unit 2, Unit 3, and Common.)

.3 After approval, the Red Books are delivered to the Control Room by the Surveillance Coordinator (for use commencing at midnight).

.4 The SRO Ops. Supv. on duty at midnight will reschedule (as necessary) any uncompleted surveillances from the previous day's TSSCS to the current TSSCS, and review the violation Date/Time to ensure sufficient extension time is available to complete the surveillance requirement.

.5 All required surveillances are performed in accordance with Section 6.3 and completed documents are placed in the Red Books.

.6 After the Red Books have been used for the applicable day, they are retrieved by the Surveillance Coordinator.

.7 The Surveillance Coordinator updates the OSTSP then generates the computerized Surveillance Report.

.8 For planning purposes, the Surveillance Report is periodically distributed to the Supervisor of Plant Coordination, Equipment Control Supervisors, and the Control Room Supervisors.

CAUTION
=======
Entry into an operational mode or condition specified by a Tech. Spec. LCO shall not be made until the required associated surveillances have been successfully completed. (Ref. 2.1.1, 4.0.4)

6.0 PROCEDURE (Continued)

6.2.6 The surveillance requirements necessary to change operational modes or conditions as required by SO23-XV-3.1 are delineated in the respective Integrated Operating Instructions (SO23-5-1.3, SO23-5-1.3.1, SO23-5-1.4, SO23-5-1.5, and SO23-5-1.8.)

.1 Surveillances required by the Integrated Operating Instructions are augmented by the Red Book as described in step 6.2.5.

6.3 Surveillance Performance Guidelines

6.3.1 Surveillance Operating Instructions (SOI) will be approved for use by the cognizant on-shift SRO Ops. Supv. This final approval takes into account current plant status and equipment operability. It ensures that performing the SOI will not violate the associated LCOs or place the Unit(s) in an unsafe condition.

.1 SRO Ops. Supv. approval is not required to initiate and complete shiftly, daily, or weekly SOIs.

6.3.2 Performance and documentation of SOIs will meet the requirements of SO23-0-35 (SO123-0-20 when issued).

CAUTION
=======
Failure to perform a Tech. Spec. surveillance within the specified time interval shall constitute a failure to meet the operability requirements of the Limiting Conditions for Operation (LCO). (Ref. 2.1.1, 4.0.3)

6.3.3 Surveillances shall be performed in the specified modes and within the specified time frames.

.1 If any part of a surveillance must be completed outside the specified time frame, then immediate notification of the SRO Ops. Supv. is required. In addition, this fact should be documented in the SOI Comments section with the reason and time the surveillance was completed.

6.0 PROCEDURE (Continued)

CAUTION
=======
Entry into an operational mode or condition specified by a Tech. Spec. LCO shall not be made until the required associated surveillances have been successfully completed. (Ref. 2.1.1, 4.0.4)

6.3.4 For surveillances performed in more than one mode (i.e., SO23-3-3.25), plant status mode changes will be documented in the Comments section with the time that the mode change occurred.

6.3.5 For surveillances performed in more than one mode (i.e., SO23-3-3.25), readings shall be recorded for all equipment and/or instrumentation in service that is required for the applicable mode.

6.3.6 If any displayed parameter is invalid due to a test or maintenance in progress, then the SRO Ops. Supv. will be immediately notified, and the circumstances documented in the Comments section.

6.3.7 If any displayed parameter is invalid or out-of-tolerance, then the SRO Ops. Supv. will be immediately notified, the value recorded, and the appropriate action taken (as specified in the SOI and/or Section 6.4).

6.3.8 Surveillances which verify system alignments require only a single check of component position.

.1 If components are found to be out of the required position, then the actions of SO23-0-36 (SO123-0-23 when issued), section for Discovery of System Misalignments, must be followed.

6.3.9 All completed SOIs shall be reviewed by the SRO Ops. Supv. for completeness, accuracy, and acceptability of the results. (Actions for unsatisfactory surveillance results are delineated in Section 6.4.)

.1 Completed SOIs will be placed in the Red Book along with the updated TSSCS for subsequent retrieval by the Surveillance Coordinator.

6.3.10 The Surveillance Coordinator will audit completed SOIs for deficiencies prior to filing in Equipment Control.

6.0 PROCEDURE (Continued)

6.4 Unsatisfactory Surveillance Actions

CAUTION
=======
Failure to perform a Tech. Spec. surveillance within the specified time interval shall constitute a failure to meet the operability requirements of the Limiting Conditions for Operation (LCO). (Ref. 2.1.1, 4.0.3)

CAUTION
=======
Entry into an operational mode or condition specified by a Tech. Spec. LCO shall not be made until the required associated surveillances have been successfully completed. (Ref. 2.1.1, 4.0.4)

6.4.1 The SRO Ops. Supv. must be immediately notified when surveillance acceptance criteria results are unsatisfactory.

6.4.2 The SRO Ops. Supv. is responsible for reviewing the affected Tech. Spec. LCO, declaring equipment inoperable, and initiating a LCOAR/EDMR per SO123-0-13.

.1 All reporting requirements are addressed by SO123-0-13.

.2 The LCOAR/EDMR will be referenced in the Comments section of the SOI.

6.4.3 The SRO Ops. Supv. will ensure Maintenance Orders are initiated per SO123-0-21 as required to restore operability.

6.4.4 Unsatisfactory surveillances and action taken should be documented in the appropriate Control Operator's Log.

6.4.5 After the deficiency has been corrected, a retest of the affected components shall be performed by completing the associated steps in the SOI under the same conditions as the initial test. The combined initial test and retest constitute a single surveillance.

.1 The SRO Ops. Supv. may direct a partial or total retest, depending upon the circumstances.

6.0 PROCEDURE (Continued)

6.4.6 After completing a satisfactory retest, the LCOAR/EDMR will be closed out and the equipment declared operable.

.1 If a Non-Conformance Report (NCR) was generated on the affected equipment, then prior to declaring the equipment operable the NCR must be closed, or the requirements of SO123-XV-5.0, section for Closing NCRs and Returning Equipment/Systems to an Operable Condition, must be followed.

6.4.7 The Surveillance Coordinator will update the Surveillance Report to reflect the satisfactory surveillance results.

7.0 RECORDS

7.1 After deficiencies are resolved, the SOIs will be filed in the Tech. Spec. Surveillance File located in Equipment Control per SO23-0-28 (SO123-0-32 when issued).

7.2 Completed SOIs will be periodically transferred to CDM, however the most recent three (3) SOIs should remain on file to assist in implementing the surveillance program. In the case of shiftly, daily, and weekly SOIs, the most recent 30 day period should be kept on file.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS

NOTE: Intervals are defined in Attachment 3.

CC - Channel Check
SC - Source Check
CCB - Channel Calibration
CFT - Channel Functional Test

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Shutdown Margin - Tavg > 200°F	4.1.1.1.1.a	1,2,3,4	S	(1)	S023-3-3.29
Shutdown Margin - Tavg > 200°F	4.1.1.1.1.b	1,2	S		S023-3-3.25, 3-3.29
Shutdown Margin - Tavg > 200°F	4.1.1.1.1.c	2	S/U		S023-3-1.1
Shutdown Margin - Tavg > 200°F	4.1.1.1.1.e	3,4	D		S023-3-3.26, 3-3.29
Shutdown Margin - Tavg ≤ 200°F	4.1.1.2.a	5	S	(1)	S023-3-3.29
Shutdown Margin - Tavg ≤ 200°F	4.1.1.2.b	5	D		S023-3-3.26.1, 3-3.29
Minimum Temperature for Criticality	4.1.1.4.a	1,2	S/U	(2)	S023-3-1.1
Minimum Temperature for Criticality	4.1.1.4.b	1,2	S/U	(2)	S023-5-1.3.1, 5-1.4, 3-1.2
Boron Injection Flowpaths	4.1.2.1.b	5,6	M		S023-3-3.1
Boron Injection Flowpaths	4.1.2.2.b	1,2,3,4	M		S023-3-3.1
Boron Injection Flowpaths	4.1.2.2.c	1,2,3,4	R		S023-3-3.43, 3-3.12
Borated Water Source	4.1.2.7.a.2	5,6	W		S023-3-3.27.1
Borated Water Source	4.1.2.7.b	5,6	D		S023-3-3.26.1
Borated Water Source	4.1.2.8.a.2	1,2,3,4	W		S023-3-3.27
Borated Water Source	4.1.2.8.b	1,2,3,4	D		S023-3-3.26

(1) Within one hour after detection of an inoperable CEA(s) and at least once per 12 hours thereafter while the CEA(s) inoperable.

(2) At least once per 30 minutes when the Reactor is critical and RCS Tavg is <535°F and within 15 minutes prior to achieving Reactor criticality.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Movable Control Assemblies	4.1.3.1.1	1,2	S	(3)	SO23-3-3.25
Movable Control Assemblies	4.1.3.1.2	1,2	M		SO23-3-3.5
Position Indicator Channels	4.1.3.2	1,2	S		SO23-3-3.25
Shutdown CEA Insertion Limit	4.1.3.5.a	1,2	S/U		SO23-3-1.1
Shutdown CEA Insertion Limit	4.1.3.5.b	1,2	S		SO23-3-3.25
Regulating CEA Insertion Limit	4.1.3.6	1,2	S	(3)	SO23-3-3.25
Regulating CEA Insertion Limit	4.1.3.6	1,2	D		SO23-3-3.26
Part Length CEA Insertion Limit	4.1.3.7	1,2	S		SO23-3-3.25
Linear Heat Rate	4.2.1.2	1 >20%	Continuous		SO23-3-3.25
Linear Heat Rate	4.2.1.2	1 >20%	2 Hr. - COLSS OOS		SO23-3-3.6
Azimuthal Power Tilt	4.2.3.a	1 >20%	Continuous		SO23-3-3.25
Azimuthal Power Tilt	4.2.3.d	1 >20%	S - COLSS OOS		SO23-3-3.6
DNBR Margin	4.2.4.2	1 >20%	Continuous		SO23-3-3.25
DNBR Margin	4.2.4.2	1 >20%	2 Hr. - COLSS OOS		SO23-3-3.6
RCS Flow Rate	4.2.5	1	S		SO23-3-3.25, 3-3.3
Core Tc Coolant Temperature	4.2.6	1 >30%	S		SO23-3-3.25
ASI	4.2.7	1 >20%	S		SO23-3-3.25
Pressurizer Pressure	4.2.8	1	S		SO23-3-3.25

(3) Four hours when one or both CEACs are inoperable, or when the PDIL Auctioneer Alarm Circuit is inoperable.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Reactor Protective Instrumentation:	4.3.1.1		(See Below)		
1 Manual Reactor Trip	Table 4.3-1	1,2,3,4,5	R(CFT)	(4)	SO23-3-2.19.1
2 Linear Power Level - High	Table 4.3-1	1,2	D(CCB)		SO23-3-3.25, 3-3.2, 3-3.38
Linear Power Level - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
3 Logarithmic Power Level - High	Table 4.3-1	1,2,3,4	S(CC)		SO23-3-3.25
Logarithmic Power Level - High	Table 4.3-1	5	S(CC)		SO23-3-3.25.1
4 Pressurizer Pressure - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
5 Pressurizer Pressure - Low	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
6 Containment Pressure - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
7 Steam Generator Pressure - Low	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
8 Steam Generator Level - Low	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
9 Local Power Density - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
Local Power Density - High	Table 4.3-1	1,2	D(CCB)		SO23-3-3.25, 3-3.2, 3-3.38
10 DNBR - Low	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
DNBR - Low	Table 4.3-1	1 >70%	S(CCB)		SO23-3-3.25, 3-3.3, 3-3.40
DNBR - Low	Table 4.3-1	1,2	D(CCB)		SO23-3-3.25, 3-3.2, 3-3.38
11 Steam Generator Level - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25

(4) In Modes 3, 4, or 5 with Reactor Trip Breakers in the Closed position and the CEA Drive System capable of CEA withdrawal.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Reactor Protective Instrumentation: (Continued)	4.3.1.1		(See Below)		
14 Core Protection Calculators	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
Core Protection Calculators	Table 4.3-1	1 >70%	S(CCB)		SO23-3-3.25, 3-3.3, 3-3.40
Core Protection Calculators	Table 4.3-1	1,2	D(CCB)		SO23-3-3.25, 3-3.2, 3-3.38
15 CEA Calculators	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
16 Reactor Coolant Flow - Low	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
17 Seismic - High	Table 4.3-1	1,2	S(CC)		SO23-3-3.25
18 Loss of Load	Table 4.3-1	1 >55%	S(CC)		SO23-3-3.25
Reactor Protective Instrumentation	4.3.1.5,6	1,2	S	(5)	SO23-3-3.25
ESFAS Instrumentation:	4.3.2.1		(See Below)		
1 b Containment Pressure - High	Table 4.3-2	1,2,3	S(CC)		SO23-3-3.25
c Pressurizer Pressure - Low	Table 4.3-2	1,2,3	S(CC)		SO23-3-3.25
d Automatic Actuation Logic	Table 4.3-2	1,2,3,4	SA(CFT)	(13)	SO23-3-3.43, 3-3.12
2 b Containment Pressure (Hi Hi)	Table 4.3-2	1,2,3	S(CC)		SO23-3-3.25
c Automatic Actuation Logic	Table 4.3-2	1,2,3	SA(CFT)	(13)	SO23-3-3.43, 3-3.12
3 c Containment Pressure - High	Table 4.3-2	1,2,3	S(CC)		SO23-3-3.25
d Automatic Actuation Logic	Table 4.3-2	1,2,3,4	SA(CFT)	(13)	SO23-3-3.43

(5) Operations to notify Computer Technicians when a High CPC Cabinet alarm comes in.

(13) Relays not testable during plant operation shall be tested each Cold Shutdown exceeding 24 hours unless tested during the previous six months.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
ESFAS Instrumentation: (Continued)	4.3.2.1		(See Below)		
4 b Stm. Generator Pressure - Low	Table 4.3-2	1,2,3	S(CC)		S023-3-3.25
c Automatic Actuation Logic	Table 4.3-2	1,2,3	SA(CFT)	(13)	S023-3-3.43
5 Recirculation (RAS)					
a RWST - Low	Table 4.3-2	1,2,3,4	S(CC)		S023-3-3.25
b Automatic Actuation Logic	Table 4.3-2	1,2,3,4	SA(CFT)	(13)	S023-3-3.43
6 Containment Cooling (CCAS)					
c Automatic Actuation Logic	Table 4.3-2	1,2,3,4	SA(CFT)	(13)	S023-3-3.43
7 Loss of Power (LOV)	Table 4.3-2	1,2,3,4	S(CC)		S023-3-3.25
8 Emergency Feedwater (EFAS)					
b Steam Generator Level Low and D/P High	Table 4.3-2	1,2,3	S(CC)		S023-3-3.25
c Steam Generator Level Low and No Pressure Low Trip	Table 4.3-2	1,2,3	S(CC)		S023-3-3.25
d Automatic Actuation Logic	Table 4.3-2	1,2,3	SA(CFT)	(13)	S023-3-3.43
9 Control Room Isol. (CRIS) -					
a Manual CRIS (Trip Buttons)	Table 4.3-2	N/A	R(CFT)		S023-3-3.20.1
b Manual SIAS (Trip Buttons)	Table 4.3-2	N/A	R(CFT)		S023-3-3.12
c Airborne Radiation -	Table 4.3-2	All	S(CC)		S023-3-3.21
1) Particulate/Iodine					
2) Gaseous					

(13) Relays not testable during plant operation shall be tested each Cold Shutdown exceeding 24 hours unless tested during the previous six months.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
ESFAS Instrumentation: (Continued)	4.3.2.1		(See Below)		
10 Toxic Gas Isolation (TGIS) -					
a Manual (Trip Buttons)	Table 4.3-2	N/A	R(CFT)		SO23-3-3.20.1
b Chlorine - High	Table 4.3-2	All	S(CC)		SO23-3-3.21
c Ammonia - High	Table 4.3-2	All	S(CC)		SO23-3-3.21
d Butane/Propane - High	Table 4.3-2	All	S(CC)		SO23-3-3.21
11 Fuel Handling Isolation (FHIS) -					
a Manual (Trip Buttons)	Table 4.3-2	N/A	R(CFT)		SO23-3-3.24.1
b Airborne Radiation -	Table 4.3-2	All	S(CC)	(6)	SO23-3-3.21
1) Gaseous					
2) Particulate/Iodine					
12 Containment Purge Isolation (CPIS) -					
a Manual (Trip Buttons)	Table 4.3-2	N/A	R(CFT)		SO23-3-3.33
b Airborne Radiation -					
i. Gaseous	Table 4.3-2	1,2,3,4,6	S(CC)		SO23-3-3.21
ii. Particulate	Table 4.3-2	1,2,3,4,6	W(CC)		SO23-3-3.27.3
iii. Iodine	Table 4.3-2	6	W(CC)		SO23-3-3.27.3
c Containment Area Radiation - (Gamma)	Table 4.3-2	1,2,3,4,6	S(CC)		SO23-3-3.21

(6) With irradiated fuel in the storage pool.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Radiation Monitoring Instrumentation:	4.3.3.1		(See Below)		
1 Area Monitors:					
a Containment - High Range	Table 4.3-3	1,2,3,4	S(CC)		SO23-3-3.21
b Containment - Purge Isolation	Table 4.3-3	1,2,3,4,6	S(CC)		SO23-3-3.21
c Main Steam Line	Table 4.3-3	1,2,3,4	S(CC)		SO23-3-3.21
2 Process Monitors:					
a Fuel Storage Pool Airborne	Table 4.3-3	All	S(CC)	(6)	SO23-3-3.21
1) Gaseous					
2) Particulate/Iodine					
b Containment Airborne					
1) Gaseous	Table 4.3-3	1,2,3,4,6	S(CC)		SO23-3-3.21
2) Particulate	Table 4.3-3	1,2,3,4,6	W(CC)		SO23-3-3.27.3
3) Iodine	Table 4.3-3	6	W(CC)		SO23-3-3.27.3
c Control Room Airborne	Table 4.3-3	All	S(CC)		SO23-3-3.21
1) Particulate/Iodine					
2) Gaseous					
3 Noble Gas Monitors:					
a Plant Vent Stack	Table 4.3-3	1,2,3,4	D(CC)		SO23-3-3.21.1
b Condenser Evacuation System	Table 4.3-3	1,2,3,4	D(CC)	(20)	SO23-3-3.21.1
Meteorological Instrumentation	4.3.3.4	1,2,3,4	D(CC)		SO23-3-3.26
	Table 4.3-5	5,6	D(CC)		SO23-3-3.26.1

(6) With irradiated fuel in the storage pool.

(20) With any MSIV and/or MSIV Bypass Valve not fully closed.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Remote Shutdown Monitoring Instrumentation:	4.3.3.5		(See Below)		
1. Log Power Level	Table 4.3-6	1,2,3	M(CC)		SO23-3-3.28
2. Reactor Coolant Cold Leg Temp.					
3. Pressurizer Pressure					
4. Pressurizer Level					
5. Steam Generator Level					
6. Steam Generator Pressure					
7. Reactor Coolant Boron Conc.					
8. Condenser Vacuum					
9. Volume Control Tank Level					
10. Letdown Heat Exch. Pressure					
11. Letdown Heat Exch. Temp.					
12. Boric Acid Makeup Tank Level					
13. Condensate Storage Tank Level					
14. Reactor Coolant Hot Leg Temp.					
15. Pressurizer Pressure - Lo					
16. Pressurizer Pressure - Hi					
17. Pressurizer Level					
18. Steam Generator Pressure					
19. Steam Generator Level					
Accident Monitoring Instrumentation:	4.3.3.6		(See Below)		
1. Cntmt Pressure (NR)	Table 4.3-7	1,2,3	M(CC)		SO23-3-3.35
2. Cntmt Pressure (WR)					
3. RC Outlet Temp. - Thot (WR)					
4. RC Inlet Temp. - Tcold (WR)					
5. Pressurizer Pressure (WR)					
6. Pressurizer Water Level					
7. Steam Line Pressure					
8. Steam Generator Water Level (WR)					
9. Refueling Water Storage Tank Water Level					
10. Auxiliary Feedwater Flow Rate					
11. RC System Subcooling Margin Monitor					
12. Safety Valve Position Indication					
13. Spray System Pressure					
14. LPSI Header Temperature					
15. Containment Temperature					
16. Containment Water Level (NR)					
17. Containment Water Level (WR)					
18. Core Exit Thermocouples					
19. Cold Leg HPSI Flow					
20. Hot Leg HPSI Flow					

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Fire Detection Instrumentation	4.3.3.7.4.a	All	2 Hours After Seismic Event	(7)	SO23-13-3
Fire Detection Instrumentation	4.3.3.7.4.b	All	72 Hours After Seismic Event	(7)(21)	SO23-13-3
Radioactive Liquid Effluent Monitor Instrumentation:	4.3.3.8.1		(See Below)		
1 a Liquid Radwaste Effluent Line	Table 4.3-8	All	D(CC)		SO23-3-3.21.1
b S/G Blowdown (Neut. Sump) Effluent Line					
c Turbine Building Sumps Effluent Line					
d S/G E-088 Blowdown Bypass Effluent Line					
e S/G E-089 Blowdown Bypass Effluent Line					
1 a Liquid Radwaste Effluent Line	Table 4.3-8	All	P(SC)		SO23-8-7
b S/G Blowdown (Neut. Sump) Effluent Line	Table 4.3-8	All	M(SC)		SO23-3-3.27.3
c Turbine Building Sumps Effluent Line	Table 4.3-8	All	M(SC)		SO23-3-3.27.3
d S/G E-088 Blowdown Bypass Effluent Line	Table 4.3-8	All	M(SC)		SO23-3-3.27.3
e S/G E-089 Blowdown Bypass Effluent Line	Table 4.3-8	All	M(SC)		SO23-3-3.27.3

(7) Whenever equipment protected by the fire detection instrument is required to be operable.

(21) Operations will notify Station Engineering.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Radioactive Liquid Effluent Monitor Instrumentation: (Continued)	4.3.3.8.1		(See Below)		
2 Flow Rate Measurement Devices	Table 4.3-8	All	D(CC)		S023-3-3.21.1
a Liquid Radwaste Effluent Line					
b S/G Blowdown (Neut. Sump) Effluent Line					
c S/G E-088 Blowdown Bypass Effluent Line					
d S/G E-089 Blowdown Bypass Effluent Line					
Effluent Monitoring	4.3.3.8.2	All	4 Hours		S023-8-7
Radioactive Gaseous Effluent Monitor Instrumentation:	4.3.3.9		(See Below)		
1 Waste Gas Holdup System					
a Noble Gas Activity Monitor	Table 4.3-9	All	P(CC)(SC)		S023-8-15
b Flow Rate Monitor	Table 4.3-9	All	P(CC)		S023-8-15
2 Waste Gas Holdup System Explosive Gas Monitoring System					
a Hydrogen Monitor (Continuous)	Table 4.3-9	All	D(CC)	(8)	S023-3-3.26.1 S023-3-3.26
b Hydrogen Monitor (Periodic)	Table 4.3-9	All	D(CC)	(8)	S023-3-3.26.1 S023-3-3.26
c Oxygen Monitor (Continuous)	Table 4.3-9	All	D(CC)	(8)	S023-3-3.26.1 S023-3-3.26
d Oxygen Monitor (Periodic)	Table 4.3-9	All	D(CC)	(8)	S023-3-3.26.1 S023-3-3.26

(8) During Waste Gas Holdup System operation.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Radioactive Gaseous Effluent Monitor Instrumentation: (Continued)	4.3.3.9		(See Below)		
3 Condenser Evacuation System					
a Noble Gas Activity Monitor	Table 4.3-9	1,2,3,4	D(CC)	(20)	SO23-3-3.21.1
a Noble Gas Activity Monitor	Table 4.3-9	1,2,3,4	M(SC)	(20)	SO23-3-3.27.3
b Iodine Sampler	Table 4.3-9	1,2,3,4	W(CC)	(20)	SO23-3-3.21.1
c Particulate Sampler	Table 4.3-9	1,2,3,4	W(CC)	(20)	SO23-3-3.21.1
d Sample Flow Measurement	Table 4.3-9	1,2,3,4	D(CC)	(20)	SO23-3-3.21.1
e Process Flow Rate	Table 4.3-9	1,2,3,4	D(CC)	(20)	SO23-3-3.21.1
4 Plant Vent Stack					
a Noble Gas Activity Monitor	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
a Noble Gas Activity Monitor	Table 4.3-9	All	M(SC)		SO23-3-3.27.3
b Iodine Sampler	Table 4.3-9	All	W(CC)		SO23-3-3.21.1
c Particulate Sampler	Table 4.3-9	All	W(CC)		SO23-3-3.21.1
d Flow Rate Monitor	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
e Sampler Flow Rate Measuring	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
5 Containment Purge System					
a Noble Gas Activity Monitor	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
a Noble Gas Activity Monitor	Table 4.3-9	All	P(SC)		SO23-1-4.2
a Noble Gas Activity Monitor	Table 4.3-9	All	M(SC)		SO23-3-3.27.3
b Iodine Sampler	Table 4.3-9	All	W(CC)		SO23-3-3.27.3, 3-3.21.1
c Particulate Sampler	Table 4.3-9	All	W(CC)		SO23-3-3.27.3, 3-3.21.1
d Flow Rate Monitor	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
e Sampler Flow Rate Measuring	Table 4.3-9	All	D(CC)		SO23-3-3.21.1
Loose Parts Detection Instrumentation	4.3.3.10.a	1,2	D(CC)		SO23-3-3.26
Turbine Overspeed Protection	4.3.4.a	1,2,3	W	(20)	SO23-3-3.34
Turbine Overspeed Protection	4.3.4.b	1,2,3	M	(20)	SO23-3-3.34
RC Loops and Coolant Circulation	4.4.1.1	1,2	S		SO23-3-3.25

(20) With any MSIV and/or MSIV Bypass Valve not fully closed.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
RCS - Hot Standby	4.4.1.2.1	3	W		SO23-3-3.27
RCS - Hot Standby	4.4.1.2.2	3	S		SO23-3-3.25
RCS - Hot Standby	4.4.1.2.3	3	S		SO23-3-3.25
RCS - Hot Shutdown	4.4.1.3.1	4	W		SO23-3-3.27
RCS - Hot Shutdown	4.4.1.3.2	4	S		SO23-3-3.25
RCS - Hot Shutdown	4.4.1.3.3	4	S		SO23-3-3.25
RCS - Cold Shutdown (Loops Filled)	4.4.1.4.1.1	5	W		SO23-3-3.27.1
RCS - Cold Shutdown (Loops Filled)	4.4.1.4.1.2	5	S		SO23-3-3.25.1
RCS - Cold Shutdown (Loops Filled)	4.4.1.4.1.3	5	S		SO23-3-3.25.1
RCS - Cold Shutdown (Loops Not Filled)	4.4.1.4.2	5	S		SO23-3-3.25.1
RCS - Pressurizer	4.4.3.1	1,2,3	S		SO23-3-3.25
RCS - Leakage Detection	4.4.5.1.a	1,2,3,4	W(CC)		SO23-3-3.27.3
RCS - Leakage Detection	4.4.5.1.c	1,2,3,4	S(CC)		SO23-3-3.21
RCS - Operational Leakage	4.4.5.2.1.a	1,2,3,4	S		SO23-3-3.21
RCS - Operational Leakage	4.4.5.2.1.b	1,2,3,4	S		SO23-3-3.25
RCS - Operational Leakage	4.4.5.2.1.c	1,2,3,4	72 Hours		SO23-3-3.37
RCS - Operational Leakage	4.4.5.2.1.d	1,2,3,4	D		SO23-3-3.26
RCS - Operational Leakage	4.4.5.2.2.a-d	1,2,3,4	R	(22)	SO23-3-3.31.1
RCS - Pressure/Temp. Limits	4.4.8.1.1	All	S/U, 30 Min.	(9)	SO23-5-1.3
RCS - Pressure/Temp. Limits	4.4.8.1.1	All	S/D, 30 Min.	(9)	SO23-5-1.5
RCS - Pressurizer-Heatup/Cooldown	4.4.8.2.1	All	S/U, 30 Min.		SO23-5-1.3
RCS - Pressurizer-Heatup/Cooldown	4.4.8.2.1	All	S/D, 30 Min.		SO23-5-1.5
RCS - Pressurizer-Heatup/Cooldown	4.4.8.2.2	All	S	(10)	SO123-0-42 SO23-5-1.3, 5-1.5

(9) Also during in-service leak and hydrostatic testing.

(10) During main spray operation with less than four (4) RCPs operating and during auxiliary spray operation.

(22) b. Prior to entering Mode 2 whenever the Unit has been in Cold Shutdown for 72 hours or more and leakage testing has not been performed in the previous 9 months;
c. Prior to declaring the valve operable following maintenance, repair, or replacement;
d. Within 48 hours (24 hours Unit 3) following valve actuation.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
RCS - Overpressure Protection Unit 2 ≤ 235°F - Unit 3 ≤ 285°F	4.4.8.3.1.1.a	4	72 Hours		SO23-3-3.26
		5,6	72 Hours	(23)	SO23-3-3.26.1
RCS - Overpressure Protection Unit 2 ≤ 235°F - Unit 3 ≤ 285°F	4.4.8.3.1.2	4	S	(11)	SO23-3-3.25
		5,6	S	(11)(23)	SO23-3-3.25.1
RCS - Overpressure Protection Unit 2 > 235°F - Unit 3 > 285°F	4.4.8.3.2.1.a	4	72 Hours		SO23-3-3.26
RCS - Overpressure Protection Unit 2 > 235°F - Unit 3 > 285°F	4.4.8.3.2.3	4	S	(11)	SO23-3-3.25
ECCS - SIT	4.5.1.a.1,2	1,2,3	S	(24)	SO23-3-3.25
ECCS - SIT	4.5.1.c	1,2,3	M	(24)	SO23-3-3.8
ECCS - SIT	4.5.1.d	1,2,3	M	(24)	SO23-3-3.8
ECCS - SIT	4.5.1.e.2	1,2,3	R	(24)	SO23-3-3.12, 3-3.43
ECCS - ≥ 350°F	4.5.2.a	1,2,3	S	(25)	SO23-3-3.25
ECCS - ≥ 350°F	4.5.2.b.1,2	1,2,3	M	(25)	SO23-3-3.8
ECCS - ≥ 350°F	4.5.2.c.1,2	1,2,3		(12)(25)	SO23-3-3.44
ECCS - ≥ 350°F	4.5.2.e.1,2	1,2,3	R	(25)	SO23-3-3.12, 3-3.43
ECCS - ≥ 350°F	4.5.2.e.3	1,2,3	R	(25)	SO23-3-3.12, 3-3.43
ECCS - < 350°F	4.5.3	3,4	R	(26)	See Section 4.5.2
ECCS - RWST	4.5.4.a.1	1,2,3,4	W		SO23-3-3.27
ECCS - RWST	4.5.4.b	1,2,3,4	D		SO23-3-3.26
Containment Integrity	4.6.1.1.a	1,2,3,4	M		SO23-3-3.10

(11) Except when the vent pathway is provided with a valve which is locked, sealed, or otherwise secured in the Open position, then verify these valves open at least once per 31 days.

(12) Prior to establishing Containment integrity.

(23) Mode 6 with the Reactor Vessel Head on.

(24) With Pressurizer pressure greater than or equal to 715 psia.

(25) With Pressurizer pressure greater than or equal to 400 psia.

(26) With Pressurizer pressure less than 400 psia.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Containment Air Locks	4.6.1.3.a	1,2,3,4	72 Hours	(14)	S023-3-3.10.1
Containment Internal Pressure	4.6.1.4	1,2,3,4	S		S023-3-3.25
Containment Temperature	4.6.1.5	1,2,3,4	D		S023-3-3.26
Containment Ventilation	4.6.1.7.1	1,2,3,4	M		S023-3-3.10
Containment Ventilation	4.6.1.7.2	1,2,3,4	W		S0123-0-42, S023-3-3.26
Containment Spray	4.6.2.1.a	1,2,3	M		S023-3-3.11
Containment Spray	4.6.2.1.b.1,2,3	1,2,3	R		S023-3-3.12
Containment Spray	4.6.2.1.b.4	1,2,3	R		S023-3-3.11.2
Iodine Removal System	4.6.2.2.a	1,2,3	D		S023-3-3.26
Iodine Removal System	4.6.2.2.b	1,2,3	M		S023-3-3.11
Iodine Removal System	4.6.2.2.c.1	1,2,3	SA		S023-3-3.11
Iodine Removal System	4.6.2.2.d.(1)	1,2,3	R		S023-3-3.43
Iodine Removal System	4.6.2.2.d.(2)	1,2,3	R		S023-3-3.12, 3-3.43
Iodine Removal System	4.6.2.2.e	1,2,3	5Y		S023-3-3.11.3
Containment Cooling	4.6.2.3.a.1,2	1,2,3,4	M		S023-3-3.13
Containment Cooling	4.6.2.3.b	1,2,3,4	R		S023-3-3.12, 3-3.43
Containment Isolation Valves	4.6.3.1	1,2,3,4	Following Maintenance	(15)	S023-3-3.30, 3-3.31
Containment Isolation Valves	4.6.3.2	1,2,3,4	R, Cold S/D		S023-3-3.33, 3-3.12, 3-3.43
Containment Isolation Valves	4.6.3.3 (4.0.5)	1,2,3,4	Q		S023-3-3.30
Containment Isolation Valves	4.6.3.3 (4.0.5)	1,2,3,4	R, Cold S/D		S023-3-3.31
Electric Hydrogen Recombiner	4.6.4.2.a	1,2	SA		S023-3-3.42

(14) Within 72 hours following each closing except when the air lock is being used for multiple entries, then at least once per 72 hours.

(15) Refer to S023-V-3.5.0 when not found in these procedures.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Containment Dome Circulators	4.6.4.3.a	1,2	R		SO23-3-3.43, 3-3.12
Auxiliary Feedwater System	4.7.1.2.1.a.2-4	1,2,3	M		SO23-3-3.16
Auxiliary Feedwater System	4.7.1.2.1.b.1,2	1,2,3	R		SO23-3-3.12, 3-3.43
Auxiliary Feedwater System	4.7.1.2.2	1,2,3	S/U Prior to Mode 2 After Each Cold S/D		SO23-3-3.16.2
Condensate Storage Tank	4.7.1.3	1,2,3	S		SO23-3-3.25
MSIV	4.7.1.5 (4.0.5)	1,2,3	Cold S/D		SO23-3-3.17
S/G Pressure/Temperature Limits	4.7.2	1,2,3,4	Hourly When < 70°F		SO23-3-3.25
		5,6	Hourly When < 70°F		SO23-3-3.25.1
CCW	4.7.3.a	1,2,3,4	M		SO23-3-3.18
CCW	4.7.3.b	1,2,3,4	R		SO23-3-3.12, 3-3.43
Saltwater Cooling	4.7.4.a	1,2,3,4	M		SO23-3-3.18
Saltwater Cooling	4.7.4.b	1,2,3,4	R		SO23-3-3.12, 3-3.43
CR Emergency Air Cleanup	4.7.5.a	1,2,3,4	S		SO23-3-3.25
		5,6	S		SO23-3-3.25.1
CR Emergency Air Cleanup	4.7.5.b	All	M		SO23-3-3.20
CR Emergency Air Cleanup	4.7.5.e.2,3	All	R		SO23-3-3.20.1
Fire Suppression Water System	4.7.8.1.1.a	All	W		SO23-3-3.27.3
Fire Suppression Water System	4.7.8.1.1.b,c	All	M		SO23-3-3.36
Fire Suppression Water System	4.7.8.1.1.d	All	Y		SO23-3-3.36.1
Fire Suppression Water System	4.7.8.1.1.e.1,2,3	All	R		SO23-3-3.36.2
Fire Suppression Water System	4.7.8.1.1.f	All	3Y		SO23-3-3.36.3
Fire Suppression Water System	4.7.8.1.2.a.1	All	M		SO23-3-3.36, 3-3.27.3
Fire Suppression Water System	4.7.8.1.2.a.2	All	M		SO23-3-3.36

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Spray and/or Sprinkler System	4.7.8.2.a,b	All	M	(16)	SO23-3-3.36
Spray and/or Sprinkler System	4.7.8.2.c	All	Y		SO23-3-3.36.1
Spray and/or Sprinkler System	4.7.8.2.d.1.b	All	R		SO23-3-3.36.2
Emergency Chilled Water System	4.7.10.a	1,2,3,4	M		SO23-3-3.47
Emergency Chilled Water System	4.7.10.b	1,2,3,4	R		SO23-3-3.12, 3-3.20.1, 3-3.24.1
Electrical - A.C. Sources	4.8.1.1.1.a	1,2,3,4	W		SO23-3-3.27.2
Electrical - A.C. Sources	4.8.1.1.1.b	1,2,3,4	R		SO23-3-3.19
Electrical - A.C. Sources	4.8.1.1.2.a.(1-6)	1,2,3,4	Table 4.8-1		SO23-3-3.23
Electrical - A.C. Sources	4.8.1.1.2.b	1,2,3,4	M		SO23-3-3.23
Electrical - A.C. Sources	4.8.1.1.2.d.(2, 3, 4a and b, 5, 7a-c, 8, 10a-c, 11, 12, 14)	1,2,3,4	R		SO23-3-3.12, 3-3.23.1
Electrical - A.C. Sources	4.8.1.1.2.e	1,2,3,4	10Y		SO23-3-3.12
Electrical - A.C. Sources	4.8.1.2.1	5,6	W		SO23-3-3.27.2
Electrical - A.C. Sources	4.8.1.2.2	5,6	Table 4.8-1	(19)	SO23-3-3.23
Electrical - A.C. Sources	4.8.1.2.2	5,6	M		SO23-3-3.23
Electrical - A.C. Sources	4.8.1.2.2	5,6	R	(19)	SO23-3-3.12, 3-3.23.1
Electrical - Onsite Power	4.8.3.1	1,2,3,4	W		SO23-3-3.27.2
Electrical - Onsite Power	4.8.3.2	5,6	W		SO23-3-3.27.2
Refueling Operations - Boron Concentration	4.9.1.1.a,b	6	R		SO23-5-1.8
Refueling Operations - Instrumentation	4.9.2.a	6	S(CC)		SO23-3-3.25.1
Refueling Operations - Decay Time	4.9.3	6	Keff < 1 > 72 Hours	(17)	SO23-5-1.8

(16) Inside Containment during cold shutdown or refueling outages.

(17) Prior to movement of irradiated fuel in the Reactor Pressure Vessel.

(19) See Technical Specification 4.8.1.2.2 for exceptions.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Refueling Operations - Containment Penetrations	4.9.4.a	6	W 72 Hours Prior To Core Alterations	(18)	SO23-3-3.27.1, 5-1.8
Refueling Operations - Containment Penetrations	4.9.4.b	6	W 72 Hours Prior To Core Alterations	(18)	SO23-3-3.33, 5-1.8
Refueling Operations - Communications	4.9.5	6	1 Hour Prior and S, During Core Alterations		SO23-3-3.25.1, 5-1.8
Refueling Operations - Shutdown Cooling and Coolant Circulation	4.9.8.1	6	S		SO23-3-3.25.1
Refueling Operations - Low Water Level	4.9.8.2	6	S		SO23-3-3.25.1
Refueling Operations - Containment Purge Isolation System	4.9.9	6	72 Hours Prior To Core Alterations		SO23-5-1.8
Refueling Operations - Containment Purge Isolation System	4.9.9	6	W During Core Alterations		SO23-3-3.33
Refueling Operations - Water Level - Reactor Vessel	4.9.10	6	2 Hours Prior To Core Alterations		SO23-5-1.8
Refueling Operations - Water Level - Reactor Vessel	4.9.10	6	D During Core Alterations		SO23-3-3.26.1
Refueling Operations - Water Level - Storage Pool	4.9.11	All	W	(6)	SO23-3-3.27, 3-3.27.1
Refueling Operations - FHB Post-Accident Cleanup	4.9.12.a	All	M	(6)	SO23-3-3.24
Refueling Operations - FHB Post-Accident Cleanup	4.9.12.d.2	All	R	(6)	SO23-3-3.24.1

(6) With irradiated fuel in the storage pool.

(18) During core alterations or movement of irradiated fuel in the Containment Building.

TECHNICAL SPECIFICATIONS SURVEILLANCE REQUIREMENTS (Continued)

SURVEILLANCE REQUIREMENT	TECH. SPEC. SECTION	MODE	INTERVAL	NOTE	PROCEDURE
Liquid Effluents Concentration	4.11.1.1.3		(See Below)		
B.3 Miscellaneous Waste Evaporator Condensate	Table 4.11-1	All	M	(27)	SO23-3-3.27.3
Radioactive Effluents - Liquid Waste Treatment	4.11.1.3.2	All	Q		SO23-3-3.4
Radioactive Effluents - Gaseous Radwaste Treatment	4.11.2.4.2	All	Q		SO23-3-3.4
Radioactive Effluents - Explosive Gas Mixture	4.11.2.5	1,2,3,4 5,6	Continuous Continuous		SO23-3-3.26 SO23-3-3.26.1

(27) Verification of valve position only.

SURVEILLANCE INTERVALS AND NOTATIONS

NOTE: For conservatism, the scheduling frequency is shorter than the Technical Specification required surveillance interval.

REQUIRED SURVEILLANCE INTERVAL	INTERVAL NOTATION	SCHEDULING FREQUENCY	ALLOWABLE 25% EXTENSION [1]
> 18 months	(No. of years)	No. of years	+ 25%
18 months	R (Refueling Outage)	546 days	136 days
1 year	Y (Yearly)	364 days	91 days
184 days	SA (Semi-Annual)	182 days	46 days
92 days	Q (Quarterly)	91 days	23 days
31 days	M (Monthly)	28 days	7.75 days
7 days	W (Weekly)	7 days	1.75 days
1 day	D (Daily)	24 hours	6 hours
12 hours	S (Shiftly)	8 hours	N/A
Variable	S/D (Shutdown)	Prior to or during shutdown	N/A
Variable	S/U (Startup)	Prior to or during startup	N/A
Variable	P (Prior to Release)	Prior to Release	N/A

[1] The maximum allowable extension shall not exceed the required surveillance interval by more than 25%. The combined time interval for any three consecutive surveillances shall not exceed 3.25 times the required surveillance interval. (Ref. 2.1.1, 4.0.2)