

8411070305 8410 PDR ADOCK 05000 UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-280

SURRY POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 100 License No. DPR-32

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric and Power Company (the licensee) dated March 31, 1983, June 16, 1983, and February 9, 1984 (as supplemented February 14 and 21, 1984), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
- Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B of Facility Operating License No. DPR-32 is hereby amended to read as follows:

(B) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 100, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

chief arga,

Operating Reactors Branch #1 Division of Licensing

Attachment: Changes to the Technical Specifications

* 4

Date of Issuance: October 15, 1984



UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-281

SURRY POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 99 License No. DPR-37

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Virginia Electric and Power Company (the licensee) dated March 31, 1984, June 16, 1983, and February 9, 1984 (as supplemented February 14 and 21, 1984), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
- Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.8 of Facility Operating License No. DPR-37 is hereby amended to read as follows:

(E) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 99, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

 This license amendment is effective as of the date of its issuance and shall be implemented prior to startup from the 1985 refueling outage.

FOR THE NUCLEAR REGULATORY COMMISSION

10 ON Steven A. Varga, Chief Operating Reactors Branch #1 Division of Licensing

Attachment: Changes to the Technical Specifications

Date of Issuance: October 15, 1984

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ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 100 FACILITY OPERATING LICENSE NO. DPR-32 AMENDMENT NO. 99 FACILITY OPERATING LICENSE NO. DPR-37

DOCKET NOS. 50-280 AND 50-281

Revise Appendix A as follows:

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Remove Pages	Insert Pages		
3.1-5 3.1-5a 3.1-5b 3.1-5c 3.7-2a 3.7-9	3.1-5 3.1-5a 3.1-5b 3.1-5c 3.7-2a 3.7-2b 3.7-9 3.7-9a		
	3.7-9b 3.7-9c		
3.7-20 3.7-21	3.7-20 3.7-21 3.7-22		
4.1-1 4.1-9 4.1-9a 4.1-9d 6.4-7	4.1-1 4.1-9 4.1-9a 4.1-9d 6.4-7		

- c. With the pressurizer otherwise inoperable, be in at least hot shutdown with the reactor trip breakers open within 6 hours and the reactor coolant system temperature and pressure less than 350°F and 450 psig, respectively, within the following 12 hours.
- 6. Relief Valves
 - a. Two power operated relief values (PORVs) and their associated block values shall be operable whenever the reactor keff is \ge 0.99.
 - b. With one or more PORVs inoperable, within 1 hour either restore the PORV(s) to operable status or close the associated block valve(s) and remove power from the block valve(s); otherwise, be in at least hot shutdown within the next 6 hours and in cold shutdown within the following 30 hours.
 - c. With one or more block valve(s) inoperable, within 1 hour either restore the block valve(s) to operable status or close the block valve(s) and remove power from the block valve(s); otherwise, be in at least hot shutdown within the next 6 hours and in cold shutdown within the following 30 hours.
- 7. Reactor Vessel Head Vents
 - a. At least two Reactor Vessel Head vent paths consisting of two isolation valves in series powered from emergency buses shall be operable and closed whenever RCS temperature and pressure are > 350°F and 450 psig.

- b. With one Reactor Vessel Head vent path inoperable; startup and/or power operation may continue provided the inoperable vent path is maintained closed with power removed from the valve actuator of both isolation valves in the inoperable vent path.
- c. With two Reactor Vessel Head vent paths inoperable; maintain the inoperable vent path closed with power removed from the valve actuator of all isolation valves in the inoperable vent paths, and restore at least one of the vent paths to operable status within 30 days or be in hot standby within 6 hours and in cold shutdown within the following 30 hours.

Basis

Specification 3.1.A-1 requires that a sufficient number of reactor coolant pumps be operating to provide coastdown core cooling flow in the event of a loss of reactor coolant flow accident. This provided flow will maintain the DNBR above 1.30.⁽¹⁾ Heat transfer analyses also show that reactor heat equivalent to approximately 10% of rated power can be removed with natural circulation; however, the plant is not designed for critical operation with natural circulation or one loop operation and will not be operated under these conditions.

When the boron concentration of the Reactor Coolant System is to be reduced the process must be uniform to prevent sudden reactivity changes in the reactor. Mixing of the reactor coolant will be sufficient to maintain a uniform concentration if at least one reactor coolant pump or one residual heat removal pump is running while the change is taking place. The residual heat removal pump will circulate the equivalent of the reactor coolant system volume in approximately one half hour. Amendment Nos. 100 and Nos. 99 One steam generator capable of performing its heat transfer function will provide sufficient heat removal capability to remove core decay heat after a normal reactor shutdown. The requirement for redundant coolant loops ensures the capability to remove core decay heat when the reactor coolant system average temperature is less than or equal to 350°F. Because of the low-low steam generator water level reactor trip, normal reactor criticality cannot be achieved without water in the steam generators in reactor coolant loops with open loop stop valves. The requirement for two operable steam generators, combined with the requirements of Specification 3.6, ensure adequate heat removal capabilities for reactor coolant system temperatures of greater than 350°F.

Each of the pressurizer safety values is designed to relieve 295,000 lbs. per hr. of saturated steam at the value setpoint. Below 350°F and 450 psig in the Reactor Coolant System, the Residual Heat Removal System can remove decay heat and thereby control system temperature and pressure. There are no credible accidents which could occur when the Reactor Coolant System is connected to the Residual Heat Removal System which could give a surge rate exceeding the capacity of one pressurizer safety value. Also, two safety values have a capacity greater than the maximum surge rate resulting from complete loss of load. ⁽²⁾

The limitation specified in item 4 above on reactor coolant loop isolation will prevent an accidental isolation of all the loops which would eliminate the capability of dissipating core decay hea: when the Reactor Coolant System is not connected to the Residual Heat Removal System.

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The requirement for steam bubble formation in the pressurizer when the reactor passes 1% subcriticality will ensure that the Reactor Coolant System will not be solid when criticality is achieved.

The requirement that 125 Kw of pressurizer heaters and *heir associated controls be capable of being supplied electrical power from an emergency bus provides assurance that these heaters can be energized during a loss of offsite power condition to maintain natural circulation at hot shutdown.

The power operated relief values (PORVs) operate to relieve RCS pressure below the setting of the pressurizer code safety values. These relief values have remotely operated block values to provide a positive shutoff capability should a relief value become inoperable. The electrical power for both the relief values and the block values is capable of being supplied from an emergency power source to ensure the ability to seal this possible RCS leakage path.

The accumulation of non-condensable gases in the Reactor Coolant System may result from sudden depressurization, accumulator discharges and/or inadequate core cooling conditions. The function of the Reactor Vessel Head Vent is to remove non-condensable gases from the reactor vessel head. The Reactor Vessel Head Vent is designed with redundant safety grade vent paths. Venting of non-condensable gases from the pressurizer steam space is provided primarily through the Pressurizer PORVs. The pressurizer is, however, equipped with a steam space vent designed with redundant safety grade vent paths.

References:

- (1) FSAR Section 14.2.9
- (2) FSAR Section 14.2.10

 The requirements of Specification 3.0.1 and 6.6.2 are not applicable.

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- F. The accident monitoring instrumentation for its associated operable components listed in TS Table 3.7-6 shall be operable in accordance with the following:
 - With the number of operable accident monitoring instrumentation channels less than the total number of channels shown in TS Table 3.7-6, either restore the inoperable channel(s) to operable status within 7 days or be in at least hot shutdown within the next 12 hours.
 - 2. With the number of operable accident monitoring instrumentation channels less than the minimum channels operable requirement of TS Table 3.7-6, either restore the inoperable channel(s) to operable status within 48 hours or be in at least hot shutdown within the next 12 hours.
- G. The Main Control Room Chlorine Detection System shall be operable at all times. The number of operable channels, alarm/trip setpoint, and required operator actions shall be as specified in Table 3.7-7. This capability shall be demonstrated by the surveillance requirements specified in Table 4.1-1.

Amendment Nos. 100 and Nos. 99

- H. The containment hydrogen analyzers and associated support equipment shall be operable in accordance with the following:
 - A reactor shall not be made critical nor be operated at power without two independent containment hydrogen analyzers operable.
 - During power operation or return to criticality from hot shutdown conditions, the following restrictions apply:
 - a. With one hydrogen analyzer inoperable, restore the inoperable analyzer to operable status within 30 days or be in at least hot standby within the next 6 hours.
 - With both hydrogen analyzers inoperable, restore at least one analyzer to operable status within 7 days or be in at least hot standby within the next 6 hours.
 Note: Operability of the hydrogen analyzers includes proper operation of the respective Heat Tracing System.

monitor indication. The pressurizer safety values utilize an acoustic honitor channel and a downstream high temperature indication channel. This capability is consistent with the recommendations of Regulatory Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plants to Assess Plant Conditons During and Following an Accident", December 1975, and NUREG-0578, "TMI-2 Lessons Learned Task Force Status Report and Short Term Recommendations". Potential accident effluent release paths are equipped with radiation monitors to detect and measure. concentrations of noble gas fission products in plant gaseous effluents during and following an accident. The effluent release paths monitored are the Process Vent Stack, Ventilation Vent Stack, Main Steam Safety Valve and Atmospheric Dump Valve discharge and the Auxiliary Feedwater Pump Turbine Exhaust. These monitors meet the requirements of NUREG 0737.

Radioactive Liquid Effluent Monitoring Instrumentation The radioactive liquid effluent instrumentation is provided to monitor and control, as applicable, the releases of radioactive materials in liquid effluents during actual or potential releases of liquid effluents. The alarm/ trip setpoints for these instruments shall be calculated and adjusted in accordance with the procedures in the ODCM to ensure that the alarm/trip will occur prior to exceeding the limits of 10 CFR Part 20. The operability and use of this instrumentation is consistent with the requirements of General Design Criteria 60, 63 and 64 of Appendix A to 10 CFR Part 50. The purpose of tank level indicating devices is to assure the detection and control of leaks that if not controlled could potentially result in the transport of radioactive materials to unrestricted areas.

Radioactive Gaseous Effluent Monitoring Instrumentation The radioactive gaseous effluent instrumentation is provided to monitor and

Amendment Nos. 100 and Nos. 99

control, as applicable, the releases of radioactive materials in gaseous effluents during actual or potential releases of gaseous effluents. The alarm/trip setpoints for these instruments shall be calculated and adjusted in accordance with the procedures in the ODCM to ensure that the alarm/trip will occur prior to exceeding the limits of 10 CFR Part 20. This instrumentation also includes provisions for monitoring (and controlling) the concentrations of potentially explosive gas mixtures in the waste gas holdup system. The operability and use of this instrumentation is consistent with the requirements of General Design Criteria 60, 63 and 64 or Appendix A to 10 CFR Part 50.

Containment Hydrogen Analyzers

Continuous indication of hydrogen concentration in the containment atmosphere is provided in the control room over the range of 0 to 10 percent hydrogen concentration.

These redundant, qualified hydrogen analyzers are shared by Units 1 and 2 with the capability of measuring containment hydrogen concentration for the range of 0 to 10 percent and the installation of instrumentation to indicate and record this measurement.

A transfer switch with control circuitry is provided for the capability of Unit 1 to utilize both analyzers or for Unit 2 to utilize both analyzers.

Each unit's hydrogen analyzer will receive a transferable power supply from Unit 1 and Unit 2. This will ensure redundancy for each unit.

Indication of Unit 1 and Unit 2 hydrogen concentration is provided on Unit i PAMC panel and Unit 2 PAMC panel. Hydrogen concentration is also recorded on qualified recorders. In addition, each hydrogen analyzer is provided with an alarm for trouble/high hydrogen content. These alarms are located in the

control room.

The supply lines installed from the containment penetrations to the hydrogen analyzers have Category I Class IE heat tracing applied. The heat tracing system receives the same transferable emergency power as is provided to the containment hydrogen analyzers. The heat trace system is de-energized during normal system operation. Upon receipt of a safety injection signal (Train A or Train B), the system is automatically started, after a preset time delay, to bring the piping process temperature to $250^{\circ}F \pm 10^{\circ}F$ within 20 minutes. Each heat trace circuit is equipped with an RTD to provide individual circuit readout, over temperature alarm and cycles the circuit to maintain the process temperature via the solid state control modules.

The hydrogen analyzer heat trace system is equipped with high temperature, loss of D. C. power, loss of A. C. power, loss of control power and failure of automatic initiation alarms.

Control Room Chlorine Detection System

The operability of the chlorine detection system ensures that sufficient capability is available to promptly detect and automatically initiate protective action in the event of an accidental chlorine release. This capability is required to protect control room personnel, and is consistent with the recommendations of Regulatory Guide 1.95, "Protection of Nuclear Power Plant Control Room Operators Against an Accidental Chlorine Release", February 1975.

References

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(1) FSAR - Section 7.5

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- (2) FSAR Section 14.5
- (3) FSAR Section 14.3.2
- (4) FSAR Section 11.3.3

TABLE 3.7-5

AUTOMATIC FUNCTIONS OPERATED FROM RADIATION MONITORS ALARM

	MONITOR CHANNEL	AUTOMATIC FUNCTION AT ALARM CONDITIONS	MONITORING REQUIREMENTS	ALARM SETPOINT µCI/cc
1.	Process vent particulate and gas monitors (RM-GW-101 & RM-GW-102)	Stops discharge from contain- ment vacuum systems and waste gas decay tanks (shuts Valve Nos. RCV-GW-160, FCV-GW-260, FCV-GW-101)	See Specifications 3.11 and 4.9	Particulate ≤ 4x10 ⁻⁸ Gas ≤ 9x10 ⁻²
2.	Component cooling water radiation monitors	Shuts surge tank vent valve HCV-CC-100	See Specifications 3.13 and 4.9	Twice Background
3.	Liquid waste disposal radiation monitors (RM-LW-108)	Shuts effluent discharge valves FCV-LW-104A and FCV-LW-104B	See Specification 3.11 and 4.9	$ \leq 1.5 \times 10^{-3} $
4.	Condenser air ejector radiation monitors (RM-SV-111 & RM-SV-211)	Diverts flow to the contain- ment of the affected unit (Opens TV-SV-102 and shuts TV-SV-103 or opens TV-SV-202 and shuts TV-SV-203)	See Specification 3.11 and 4.9	±1.3
5.	Containment particulate and gas monitors (RM-RMS-159 & RM-RMS-160, RM-RMS-259 & RM-RMS-260)	Trips affected unit's purge supply and exhaust fans, closes affected unit's purge air butterfly valves (MOV-VS-100A, B, C & D or MOV-VS-200A, B, C & D)	See Specifications 3.10 and 4.0	Particulate ₅ ≤ 9x10 ⁻⁹ Gas ≤ 1x10 ⁻⁵
6.	Manipulator crane area monitors (RM-RMS-162 & RM-RMS-262)	Trips affected unit's purge supply and exhaust fans, closes affected unit's purge air butterfly valves (MOV-VS-100A, B, C & D or MOV-VS-200A, B, C & D)	See Specifications 3.10 and 4.9	≤ 50 mrem/hr
7.	Process vent normal and high range effluent monitors (RM-GW-130-1 and RM-GW- 130-2)	Stops discharge from contain- ment vacuum system and waste gas decay tanks (shuts valves FCV-GW-160, FCV-GW-260, and FCV-GW-101)	See Specifications 3.11 and 4.9	$Gas \le 9 \times 10^{-2}$

	INSTRUMENT	TOTAL NO. OF CHANNELS	MINIMUM CHANNELS OPERABLE
ľ	Auxiliary Feedwater Flow Rate	l per S/G	l per S/G
	Reactor Coolant System Subcooling Margin Monitor	2	1
	PORV Position Indicator (Primary Detector)	l/valve	1/valve
	PORV Position Indicator (Backup Detector)	1/valve	0
	PORV Block Valve Position Indicator	l/valve	l/valve
	Safety Valve Position Indicator (Primary Detector)	l/valve	l/valve
	Safety Valve Position Indicator (Backup Detector)	1/valve	0
	Reactor Vessel Coolant Level Monitor	2	1
	Containment Pressure	2	1
	Containment Water Level (Narrow Range)	2	1
	Containment Water Level (Wide Range)	2	1
	- Web Press Padiation Monitor	2	1 (Note 1, b and c only)
	Process Vent High Range Effluent Monitor	2	2 (Note 1, a, b, and c)
	Ventilation Vent High Range Effluent Monitor	2	2 (Note 1, a, b, and c)
	Nul Proce Padiation Monitors	3	3 (Note 1, a, b, and c)
	Aux. Feed Pump Steam Turbine Exhaust Radiation Monitor e 1: With the number of operable channels less than	1	1 (Note 1, a, b, and c)

TABLE 3.7-6 ACCIDENT MONITORING INSTRUMENTATION

Note 1: With the number of operable channels less than required by the Hinnam channels operates operat

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TABLE 3.7 -7

MAIN CONTROL ROOM CHLORINE DETECTION SYSTEM

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No.	Functional Unit	Total No. of Channels	Alarm/Trip Setpoint	Operator Action if Condition in Column 2 Cannot be Met
1.	Chlorine Detector	2	s 5 ppm chlorine	With one channel inoperable, re- store the inoperable channel within seven days; or within the next 6 hours, initiate and main- tain operation of the control room emergency ventilation sys-
				tem.

With two channels inoperable, within one hour initiate and maintain operation of the control room emergency ventilation system.

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4.1 OPERATIONAL SAFETY REVIEW

Applicability

Applies to items directly related to safety limits and limiting conditions for operation.

Objective

To specify the minimum frequency and type of surveillance to be applied to unit equipment and conditions.

Specification

- A. Calibration, testing, and checking of instrumentation channels shall be performed as detailed in Table 4.1-1 and 4.1-2.
- B. Equipment tests shall be conducted as detailed below and in Table 4.1-2A.
 - 1. Each Pressurizer PORV shall be demonstrated operable:
 - At least once per 31 days by performance of a channel functional test, excluding valve operation, and
 - At least once per 18 months by performance of a channel calibration.
 - Each Pressurizer PORV block valve shall be demonstrated operable at least once per 92 days by operating the valve through one complete cycle of full travel.

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- 3. The pressurizer water volume shall be determined to be within its limit as defined in Specification 2.3.A.3.a at least once per 12 hours whenever the reactor is not subcritical by at least $1\% \Delta k/k$.
- 4. Each Reactor Vessel Head vent path isolation valve not required to be closed by Specification 3.1.A.7a or 3.1.A.7.b shall be demonstrated operable at each cold shutdown but not more often than once per 92 days by operating the valve through one complete cycle of full travel from the control room.
- 5. Each Reactor Vessel Head vent path shall be demonstrated operable following each refueling by:
 - a. Verifying that the upstream manual isolation value in each vent path is locked in the open position.
 - b. Cycling each isolation valve through at least one complete cycle of full travel from the control room.
 - c. Verifying flow through the reactor vessel head vent system vent paths.
- C. Sampling tests shall be conducted as detailed in Table 4.1-2B.
- D. Whenever containment integrity is not required, only the asterisked items in Table 4.1-1 and 4.1-2A and 4.1-2B are applicable.
- E. Flushing of sensitized stainless steel pipe sections shall be conducted as detailed in TS Table 4.1-3A and 4.1-3B.

- F. The outside containment purge and vent isolation valves and the isolation valve in the steam jet air ejector suction line outside containment shall be determined locked, sealed, or otherwise secured in the closed position at least once per 31 days.
- G. The inside containment purge and vent isolation valves shall be determined locked, seal, or otherwise secured in the closed position each cold shutdown but not more often than once per 92 days.

TABLE 4.1-1 (Continued)

Remarks

TS 4.1-9

	Channel Description	Check	Calibrate	Test	
4.	Loss of Power			н	
	 4.16 KV Emergency Bus undervoltage (Loss of voltage) 	N.A.	ં ેં જે	·	
	 b. 4.16 KV Emergency Bus undervoltage (Degraded voltage) 	N.A.	×	м	
35.	Control Room Chlorine Detectors	S	R	H	

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TABLE 4.1-2

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

	INSTRUMENT	CHANNEL CHECK	CHANNEL CALIBRATION
1.	Auxiliary Feedwater Flow Rate	Р	R
	Reactor Coolant System Subcooling Margin Monitor	м	R
	PORV Position Indicator (Primary Detector)	м	R
	PORV Position Indicator (Backup Detector)	м	R
	PORV Block Valve Position Indicator	м	R
	Safety Valve Position Indicator	м	R
	Safety Valve Position Indicator (Backup Detector)	м	R
	Reactor Vessel Coolant Level Monitor	м	R
	Containment Pressure	м	R
	Containment Water Level (Narrow Range)	м	R
	Containment Water Level (Wide Range)	м	R

TABLE 4.1-2A (CONTINUED)

MINIMUM FREQUENCY FOR EQUIPMENT TESTS

	DESCRIPTION	TEST	FREQUENCY	REFERENCE
18.	Primary Coolant System	Functional 1.	(a) Periodic leakage testing listed in Specification 3.1. accomplished prior to enterin operation condition after even plant is placed in the cold condition for refueling, aft plant is placed in cold shut for 72 hours if testing has lished in the preceeding 9 m to returning the valve to se after maintenance, repair or ment work is performed.	C.7a shall be ng power ery time the shutdown er each time the down condition not been accomp onths, and prior rvice
19.	Containment Purge MOV Leakage	Functional	Semi-Annual (Unit at power o if purge valves are operated	
20.	Containment Hydrogen Analyzers	 a. Channel Check b. Channel Functional Test c. Channel Calibration using sample gas containing: One volume percent hydrogen, balance r Four volume percent hydrogen, balance r Channel Calibration include startup and the Heat Tracing Sy 	nitrogen (± 0.25%) nitrogen n test will i operation of	

(a) To satisfy ALARA requirements, leakage may be measured indirectly (as from the performance of pressure indicators) if accomplished in accordance with approved procedures and supported by computations showing that the method is capable of demonstrating valve compliance with the leakage criteria.

(b) Minimum differential test pressure shall not be below 150 psid.

(c) Refer to Section 4.4 for acceptance criteria.

*See Specification 4.1.D.

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and Nos. 99

FSAR SECTION

L. Iodine Monitoring

The licensee shall implement a program which will ensure the capability to accurately determine the airborne iodine concentration in vital area under accident conditions. This program shall include the following:

- 1. Training of personnel,
- 2. Procedures for monitoring, and
- 3. Provisions for maintenance of sampling and analysis equipment.

M. Post-Accident Sampling

A program shall be established, implemented and maintained which will ensure the capability to obtain and analyze reactor coolant, radioactive iodines and particulates in plant gaseous effluents, and containment atmosphere samples under accident conditions. The program shall include the following:

- 1. Training of personnel,
- 2. Procedures for sampling and analysis,
- 3. Procedures for maintenance of sampling and analysis equipment.

Amendment Nos. 100 and Nos. 99