2.6.8 Containment Building Ventilation System

1.0 Description

The containment building ventilation system (CBVS) controls the Reactor Containment Building temperature, humidity and air change rate for personnel comfort, personnel safety, and equipment protection during normal plant operation. The CBVS provides cooling, heating, and ventilation for the Reactor Containment Building to remove equipment heat, and heat generated from other sources. The CBVS also provides heat to maintain a minimum temperature in the building. The CBVS provides a minimal air change rate for the building and controls the building pressurization to reduce spreading of contamination.

The CBVS provides the following safety-related functions:

- Upon receipt of a containment isolation signal, the CBVS provides automatic isolation of the containment atmosphere by quick closure of the system containment isolation valves.
- Upon receipt of a containment isolation signal during a low flow purge operation, air exhausted from containment will be filtered by the CBVS low flow iodine filtration units until the containment isolation valves are closed.

The CBVS provides the following non-safety-related functions:

- Containment full flow purge supply and exhaust during outages.
- Containment low flow purge supply for containment entry during normal plant operation.
- Internal filtration to reduce radioactive contamination inside the equipment compartment.
- Supply of cool air to the reactor pit area to prevent concrete degradation.
- Containment cooling to maintain ambient conditions.

2.0 Arrangement

2.1 The functional arrangement of the CBVS is as shown on Figure 2.6.8-1—Containment Building Ventilation System Functional Arrangement.

2.2 The location of CBVS equipment is as listed in Table 2.6.8-1—Containment Building Ventilation System Containment Isolation Valves Mechanical Design, and Table 2.6.8-2—Containment Building Ventilation System Equipment Mechanical Design.

3.0 Mechanical Design Features

3.1 Valves listed in Table 2.6.8-1 will be functionally designed and qualified such that each valve is capable of performing its intended function for a full range of system differential

pressure and flow, ambient temperatures, and available voltage (as applicable) under conditions ranging from normal operating to design-basis accident conditions.

3.2 Deleted.

3.3 Equipment listed in Tables 2.6.8-1 and 2.6.8-2 can perform the functions listed in Tables 2.6.8-1 and 2.6.8-2 under system operating conditions.

3.4 Components identified as Seismic Category I in Tables 2.6.8-1 and 2.6.8-2 can withstand seismic design basis loads without a loss of the function listed in Tables 2.6.8-1 and 2.6.8-2.

3.5 Components listed in Table 2.6.8-2 as ASME AG-1 Code are designed in accordance with ASME AG-1 Code requirements.

3.6 Components listed in Table 2.6.8-2 as ASME AG-1 Code are fabricated in accordance with ASME AG-1 Code requirements, including welding requirements.

3.7 Components listed in Table 2.6.8-2 as ASME AG-1 Code are inspected and tested in accordance with ASME AG-1 Code requirements.

3.8 Components listed in Table 2.6.8-1 as ASME Code Section III are designed in accordance with ASME Code Section III requirements.

3.9 Components listed in Table 2.6.8-1 as ASME Code Section III are fabricated in accordance with ASME Code Section III requirements.

3.10 Pressure boundary welds on components listed in Table 2.6.8-1 as ASME Code Section III are in accordance with ASME Code Section III requirements.

3.11 Components listed in Table 2.6.8-1 as ASME Code Section III retain pressure boundary integrity at design pressure.

3.12 Components listed in Table 2.6.8-2 as ASME Code Section III are installed in accordance with ASME Code Section III requirements.

4.0 Displays and Controls

4.1 Displays listed in Table 2.6.8-3—Containment Ventilation System Equipment I&C and Electrical Design are retrievable in the main control room (MCR) and the remote shutdown station (RSS) as listed in Table 2.6.8-3.

4.2 The CBVS equipment controls that are provided in the MCR and RSS are as listed in Table 2.6.8-3.

4.3 Equipment listed as being controlled by a priority and actuator control system (PACS) module in Table 2.6.8-3 responds to the state requested by a test signal.

4.4 The CBVS provides containment pressure indication.

5.0 Electrical Power Design Features

5.1 The equipment designated as Class 1E in Table 2.6.8-3 are powered from the Class 1E division as listed in Table 2.6.8-3 in a normal or alternate feed condition.

5.2 Deleted.

6.0 Environmental Qualifications

6.1 Components in Table 2.6.8-3, that are designated as harsh environment, will perform the function listed in Tables 2.6.8-1 and 2.6.8-2 in the environments that exist during and following design basis events.

7.0 Equipment and System Performance

7.1 The CBVS low flow purge exhaust subsystem exhausts through a CBVS iodine filtration train.

7.2 Containment isolation valves listed in Table 2.6.8-1 close within the containment isolation response time following initiation of a containment isolation signal.

8.0 Inspections, Tests, Analyses and Acceptance Criteria (ITAAC)

Table 2.6.8-4 lists the CBVS ITAAC.

Table 2.6.8-1—Containment Building Ventilation System Containment Isolation Valves Mechanical Design

Description	Tag Number (1)	Location	ASME Code Section III	Function	Seismic Category
Containment Isolation Valve	30KLA10AA001	Fuel Building	Yes	Close	I
Containment Isolation Valve	30KLA10AA003	Reactor Building	Yes	Close	I
Containment Isolation Valve	30KLA30AA002	Fuel Building	Yes	Close	I
Containment Isolation Valve	30KLA30AA003	Reactor Building	Yes	Close	I
Containment Isolation Valve	30KLA20AA003	Fuel Building	Yes	Close	I
Containment Isolation Valve	30KLA20AA001	Reactor Building	Yes	Close	I
Containment Isolation Valve	30KLA40AA002	Fuel Building	Yes	Close	I
Containment Isolation Valve	30KLA40AA001	Reactor Building	Yes	Close	I

1) Equipment tag numbers are provided for information only and are not part of the certified design.

Table 2.6.8-2—Containment Building Ventilation System Equipment Mechanical Design
(2 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Reactor Pit Cooling Fans					
Reactor Pit Cooling Fan	30KLA65AN001	Reactor Building	Yes	Run	I
Reactor Pit Cooling Fan	30KLA66AN001	Reactor Building	Yes	Run	I
Reactor Pit Cooling Fan	30KLA65AN002	Reactor Building	Yes	Run	I
Reactor Pit Cooling Fan	30KLA66AN002	Reactor Building	Yes	Run	I
Low Flow Purge Exhaust					
Motor operated dampers	30KLA21AA004 30KLA22AA004	Fuel Building	Yes	Open	I
Electric Heaters	30KLA21AH005 30KLA22AH005	Fuel Building	Yes	On	I
Prefilters	30KLA21AT001 30KLA22AT001	Fuel Building	Yes	N/A	I
Upstream HEPA Filters	30KLA21AT002 30KLA22AT002	Fuel Building	Yes	N/A	I
Carbon Absorbers	30KLA21AT003 30KLA22AT003	Fuel Building	Yes	N/A	I
Downstream HEPA Filters	30KLA21AT004 30KLA22AT004	Fuel Building	Yes	N/A	I
Motor Operated Dampers	30KLA21AA007 30KLA22AA007	Fuel Building	Yes	Open	I
Exhaust Fans	30KLA21AN001 30KLA22AN001	Fuel Building	Yes	Run	I

Table 2.6.8-2—Containment Building Ventilation System Equipment Mechanical Design
(2 Sheets)

Description	Tag Number (1)	Location	ASME AG-1 Code	Function	Seismic Category
Backdraft Dampers	30KLA21AA003 30KLA22AA003	Fuel Building	Yes	N/A	I
Motor Operated Dampers	30KLA21AA001 30KLA22AA001	Fuel Building	Yes	Close	I
Internal Filtration Train					
Motor Operated Damper	30KLA50AA002	Reactor Building	Yes	Open	I
Electric Heater	30KLA50AH001	Reactor Building	Yes	On	I
Prefilter	30KLA50AT001	Reactor Building	Yes	N/A	I
Upstream HEPA Filters	30KLA50AT002	Reactor Building	Yes	N/A	I
Carbon Absorber	30KLA50AT003	Reactor Building	Yes	N/A	I
Downstream HEPA Filters	30KLA50AT004	Reactor Building	Yes	N/A	I
Motor Operated Damper	30KLA50AA004	Reactor Building	Yes	Open	I
Manual Dampers	30KLA51AA006 30KLA52AA006	Reactor Building	Yes	Open	I
Recirculation Fans	30KLA51AN001 30KLA52AN001	Reactor Building	Yes	Run	I
Backdraft Dampers	30KLA51AA007 30KLA52AA007	Reactor Building	Yes	N/A	I

1) Equipment tag numbers are provided for information only and are not part of the certified design.

Table 2.6.8-3—Containment Building Ventilation System Equipment I&C and Electrical Design
(4 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E (2)	EQ – Harsh Env.	PACS	MCR / RSS Displays	MCR / RSS Controls
Reactor Pit Cooling Fan	30KLA65AN001	Reactor Building	Division 1	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Reactor Pit Cooling Fan	30KLA66AN001	Reactor Building	Division 4	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Reactor Pit Cooling Fan	30KLA65AN002	Reactor Building	Division 1	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Reactor Pit Cooling Fan	30KLA66AN002	Reactor Building	Division 4	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Low Flow Purge Exhaust							
Motor Operated Damper	30KLA21AA004	Fuel Building	Division 1^{N} Division 2^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Damper	30KLA22AA004	Fuel Building	Division 4^{N} Division 3^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Electric Heater	30KLA21AH005	Fuel Building	Division 1^{N} Division 2^{A}	Yes	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Electric Heater	30KLA22AH005	Fuel Building	Division 4^{N} Division 3^{A}	Yes	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Motor Operated Damper	30KLA21AA007	Fuel Building	Division 1^{N} Division 2^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Damper	30KLA22AA007	Fuel Building	Division 4^{N} Division 3^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Exhaust Fan	30KLA21AN0001	Fuel Building	Division 1	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Exhaust Fan	30KLA22AN0001	Fuel Building	Division 4	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop

Table 2.6.8-3—Containment Building Ventilation System Equipment I&C and Electrical Design
(4 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E (2)	EQ – Harsh Env.	PACS	MCR / RSS Displays	MCR / RSS Controls
Motor Operated Dampers	30KLA21AA001	Fuel Building	N/A	N/A	N/A	Position / Position	Open-Close / Open-Close
Motor Operated Dampers	30KLA22AA001	Fuel Building	N/A	N/A	N/A	Position / Position	Open-Close / Open-Close
Internal Filtration Train							
Motor Operated Damper	30KLA50AA002	Reactor Building	Division 2^{N} Division 1^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Electric Heater	30KLA50AH001	Reactor Building	Division 2^{N} Division 1^{A}	Yes	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Motor Operated Damper	30KLA50AA004	Reactor Building	Division 2^{N} Division 1^{A}	Yes	Yes	Position / Position	Open-Close / Open-Close
Recirculation Fans	30KLA51AN001	Reactor Building	Division 2^{N} Division 1^{A}	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Fans	30KLA52AN001	Reactor Building	Division 1^{N} Division 2^{A}	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Instruments							
Containment Pressure	30KLA70CP801	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP802	Safeguard Building 2	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP803	Safeguard Building 3	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP804	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A

Table 2.6.8-3—Containment Building Ventilation System Equipment I&C and Electrical Design
(4 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E (2)	EQ – Harsh Env.	PACS	MCR / RSS Displays	MCR / RSS Controls
Containment Pressure	30KLA60CP851	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP851	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA60CP852	Safeguard Building 2	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP852	Safeguard Building 2	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA60CP853	Safeguard Building 3	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP853	Safeguard Building 3	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA60CP854	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A
Containment Pressure	30KLA70CP854	Fuel Building	N/A	Yes	N/A	Pressure/ Pressure	N/A
Temperature Downstream of Electric Heater	30KLA21CT001	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A
Temperature Upstream of Electric Heater	30KLA21CT002	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A
Duct Air Flow	30KLA21CF001	Fuel Building	N/A	Yes	N/A	Flow/Flow	N/A
Iodine Filter Differential Pressure	30KLA21CP505	Fuel Building	N/A	Yes	N/A	N/A	N/A

Table 2.6.8-3—Containment Building Ventilation System Equipment I&C and Electrical Design
(4 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E (2)	EQ – Harsh Env.	PACS	MCR / RSS Displays	MCR / RSS Controls
Temperature Downstream of Electric Heater	30KLA22CT001	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A
Temperature Upstream of Electric Heater	30KLA22CT002	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A
Duct Air Flow	30KLA22CF001	Fuel Building	N/A	Yes	N/A	Flow/Flow	N/A
Iodine Filter Differential Pressure	30KLA22CP505	Fuel Building	N/A	Yes	N/A	N/A	N/A
Temperature Downstream of Carbon Adsorbers	30KLA21CT003	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A
Temperature Downstream of Carbon Adsorbers	30KLA22CT003	Fuel Building	N/A	Yes	N/A	Temperature/ Temperature	N/A

1) Equipment tag numbers are provided for information only and are not part of the certified design.

2) ^{N} denotes division the component is normally powered from, while ^{A} denotes division the component is powered from when alternate feed is implemented.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
2.1	The functional arrangement of the CBVS is as shown on Figure 2.6.8-1.	Inspections of the as-built system will be conducted.	The as-built CBVS conforms to the functional arrangement as shown on Figure 2.6.8-1.
2.2	The location of CBVS equipment is as listed in Tables 2.6.8-1 and 2.6.8-2.	An inspection will be performed of the location of the equipment listed in Tables 2.6.8-1 and 2.6.8-2.	The equipment listed in Tables 2.6.8-1 and 2.6.8-2 is located as listed in Tables 2.6.8-1 and 2.6.8-2.
3.1	Valves listed in Table 2.6.8-1 will be functionally designed and qualified such that each valve is capable of performing its intended function for a full range of system differential pressure and flow, ambient temperatures, and available voltage (as applicable) under conditions ranging from normal operating to design-basis accident conditions.	Tests or type tests of the valves listed in Table 2.6.8-1 will be conducted to demonstrate that the pumps and valves function under conditions ranging from normal operating to design-basis accident conditions.	A test report exists and concludes that the valves listed in Table 2.6.8-1 function under conditions ranging from normal operating to design-basis accident conditions.
3.2	Deleted.	Deleted.	Deleted.
3.3	Equipment listed in Tables 2.6.8-1 and 2.6.8-2 can perform the function listed in Tables 2.6.8-1 and 2.6.8-2 under system operating conditions.	Tests will be performed.	Equipment listed in Tables 2.6.8-1 and 2.6.8-2 performs the function listed in the table under system operating conditions.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
3.4	Components identified as Seismic Category I in Tables 2.6.8-1 and 2.6.8-2 can withstand seismic design basis loads without a loss of the function listed in Tables 2.6.8-1 and 2.6.8-2.	a. Type tests, analyses, or a combination of type tests and analyses will be performed on the components identified as Seismic Category I in Tables 2.6.8-1 and 2.6.8-2 using analytical assumptions, or under conditions, which bound the Seismic Category I design requirements.	a. Seismic qualification reports (SQDP, EQDP, or analyses) exist and conclude that the Seismic Category I components identified in Tables 2.6.8-1 and 2.6.8-2 can withstand seismic design basis loads without a loss of the function listed in Tables 2.6.8-1 and 2.6.8-2 including the time required to perform the listed function.
		b. Inspections will be performed of the Seismic Category I components identified in Tables 2.6.8-1 and 2.6.8-2 to verify that the components, including anchorage, are installed as specified on the construction drawings and deviations have been reconciled to the seismic qualification reports (SQDP, EQDP, or analyses).	b. Inspection reports exist and conclude that the Seismic Category I components identified in Tables 2.6.8-1 and 2.6.8-2, including anchorage, are installed as specified on the construction drawings and deviations have been reconciled to the seismic qualification reports (SQDP, EQDP, or analyses).
3.5	Components listed in Table 2.6.8-2 as ASME AG-1 Code are designed in accordance with ASME AG-1 Code requirements.	Inspections will be performed for the existence of ASME AG-1 Code Design Verification Reports.	ASME AG-1 Code Design Verification Reports (AA-4400) exist for components listed as ASME AG-1 Code in Table 2.6.8-2.
3.6	Components listed in Table 2.6.8-2 as ASME AG-1 Code are fabricated in accordance with ASME AG-1 Code requirements, including welding requirements.	Inspections will be performed to verify components are fabricated in accordance with ASME AG-1 Code requirements.	For components listed as ASME AG-1 Code in Table 2.6.8-2, reports exist and conclude that the component meets ASME AG-1 Code requirements, including welding requirements.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
3.7	Components listed in Table 2.6.8-2 as ASME AG-1 Code are inspected and tested in accordance with ASME AG-1 Code requirements.	Inspections and tests will be performed on the components.	For components listed as ASME AG-1 Code in Table 2.6.8-2, reports exist and conclude that the component meets ASME AG-1 Code inspection and testing requirements.
3.8	Components listed in Table 2.6.8-1 as ASME Code Section III are designed in accordance with ASME Code Section III requirements.	Inspections of ASME Code Section III Design Reports and associated reference documents will be performed.	ASME Code Section III Design Reports (NCA-3550) exist and conclude that components listed as ASME Code Section III in Table 2.6.8-1 comply with ASME Code Section III requirements.
3.9	Components listed in Table 2.6.8-1 as ASME Code Section III are fabricated in accordance with ASME Code Section III requirements.	An analysis will be performed to verify that deviations to the component design reports (NCA-3550) have been reconciled.	ASME Code Section III Design Reports (NCA-3550) exist and conclude that components listed as ASME Code Section III in Table 2.6.8-1 comply with ASME Code Section III requirements and any deviations to the design report have been reconciled.
3.10	Pressure boundary welds on components listed in Table 2.6.8-1 as ASME Code Section III are in accordance with ASME Code Section III requirements.	Inspections of pressure boundary welds will be performed to verify that welding is performed in accordance with ASME Code Section III requirements.	For components listed as ASME Code Section III in Table 2.6.8-1, ASME Code Section III Data Reports (NCA-8000) exist and conclude that pressure boundary welding has been performed in accordance with ASME Code Section III.
3.11	Components listed in Table 2.6.8-1 as ASME Code Section III retain their pressure boundary integrity at their design pressure.	Hydrostatic tests will be performed on the components.	For components listed as ASME Code Section III in Table 2.6.8-1, ASME Code Section III Data Reports exist and conclude that hydrostatic test results comply with ASME Code Section III requirements.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
3.12	Components listed in Table 2.6.8-2 as ASME Code Section III are installed in accordance with ASME Code Section III requirements.	An inspection of ASME Code Data Reports will be performed.	ASME Code Section III N-5 Data Reports exist and conclude that components listed as ASME Code Section III in Table 2.6.8-2 have been installed in accordance with ASME Code Section III requirements.
4.1	Displays listed in Table 2.6.8-3 are retrievable in the MCR and RSS as listed in Table 2.6.8-3.	Tests will be performed for the retrieve-ability of the displays in the MCR and the RSS as listed in Table 2.6.8-3.	a. The displays listed in Table 2.6.8-3 as being retrieved in the MCR can be retrieved in the MCR. b. The displays listed in Table 2.6.8-3 as being retrieved in the RSS can be retrieved in the RSS.
4.2	Controls exist in the MCR and the RSS as identified in Table 2.6.8-3.	Tests will be performed for the existence of control signals from the MCR and the RSS to the equipment listed in Table 2.6.8-3.	a. The controls listed in Table 2.6.8-3 as being in the MCR exist in the MCR. b. The controls listed in Table 2.6.8-3 as being in the RSS exist in the RSS.
4.3	Equipment listed as being controlled by a PACS module in Table 2.6.8-3 responds to the state requested by a test signal.	Tests will be performed using test signals.	Equipment listed as being controlled by a PACS module in Table 2.6.8-3 responds to the state requested by the signal.
4.4	The CBVS provides containment pressure indication.	Tests will be performed.	a. Containment pressure instruments listed in Table 2.6.8-3 provide containment pressure indication in the MCR. b. Containment pressure instruments listed in Table 2.6.8-3 provide containment pressure indication in the RSS.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
5.1	The components designated as Class 1E in Table 2.6.8-3 are powered from the Class 1E division as listed in Table 2.6.8-3 in a normal or alternate feed condition.	a. Tests will be performed for the components designated as Class 1E in Table 2.6.8-3 by providing a test signal in each normally aligned division. b. Tests will be performed for the components designated as Class 1E in Table 2.6.8-3 by providing a test signal in each division with the alternate feed aligned to the divisional pair.	a. The test signal provided in the normally aligned division is present at the respective Class 1E components identified in Table 2.6.8-3. b. The test signal provided in each division with the alternate feed aligned to the divisional pair is present at the respective Class 1E components identified in Table 2.6.8-3.
5.2	Deleted.	Deleted.	Deleted.
6.1	Components in Table 2.6.8-3, that are designated as harsh environment, will perform the function listed in Tables 2.6.8-1 and 2.6.8-2 in the environments that exist during and following design basis events.	a. Type tests or type tests and analysis will be performed to demonstrate the ability of the components listed as harsh environment in Table 2.6.8-3 to perform the function listed in Tables 2.6.8-1 and 2.6.8-2 for the environmental conditions that could occur during and following design basis events. b. Components listed as harsh environment in Table 2.6.8-3 will be inspected to verify installation in accordance with the construction drawings including the associated wiring, cables and terminations. Deviations to the construction drawings will be reconciled to the EQDP.	a. Environmental Qualification Data Packages (EQDP) exist and conclude that the components listed as harsh environment in Table 2.6.8-3 can perform the function listed in Tables 2.6.8-1 and 2.6.8-2 during and following design basis events including the time required to perform the listed function. b. Inspection reports exists and conclude that the components listed in Table 2.6.8-3 as harsh environment has been installed per the construction drawings and any deviations have been reconciled to the EQDP.

Table 2.6.8-4—Containment Building Ventilation System ITAAC (6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
7.1	The CBVS low flow purge exhaust subsystem exhausts through a CBVS iodine filtration train.	Tests will be performed on the capability of the low flow purge exhaust subsystem to exhaust through a CBVS iodine filtration train.	The CBVS exhausts through a CBVS iodine filtration train when the CBVS low flow purge exhaust subsystem is operating.
7.2	Containment isolation valves listed in Table 2.6.8-1 close within the containment isolation response time following initiation of a containment isolation signal.	Tests will be performed to demonstrate the ability of the containment isolation valves listed in Table 2.6.8 1 to close within the containment isolation response time following initiation of a containment isolation signal.	Containment isolation valves listed in Table 2.6.8-1 close within 10 seconds following initiation of a containment isolation signal.

Next File