2.6.4 Fuel Building Ventilation System

1.0 Description

The fuel building ventilation system (FBVS) receives the conditioned air supply from the nuclear auxiliary building ventilation system (NABVS). The exhaust from the FBVS is processed by the NABVS through a filtration train, and the exhaust air is directed to the vent stack.

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

The FBVS provides the following safety-related functions:

- Isolation of the supply and exhaust airflow of the fuel handling hall.
- Isolation of the supply and exhaust airflow of the hall in front of equipment hatch.
- Isolation of the supply and exhaust airflow to the room in front of the emergency air lock.
- Isolation of the FB from NABVS supply and exhaust on receipt of containment isolation signal. The FB atmosphere is then processed through iodine filtration trains of the safeguard building controlled-area ventilation system (SBVS).
- Heating of the rooms which have safety-related systems, structures, or components containing borated fluid and the rooms surrounding the extra borating system tanks to maintain minimum ambient room temperatures.
- Cooling of rooms which have the extra borating system pumps and the fuel pool cooling system pumps to maintain ambient conditions.

The FBVS provides the following non-safety related functions:

- Maintains the room ambient conditions for operation of equipment and to allow personnel access during normal operation.
- Reduces spread of contamination from the contaminated rooms to less contaminated rooms during normal operation.
- Reduces concentration of aerosols and radioactive gases from the room air.
- Maintains a negative pressure within the Fuel Building with respect to outside atmosphere.

2.0 Arrangement

2.1 The functional arrangement of the FBVS is as shown on Figure 2.6.4-1—Fuel Building Ventilation System Functional Arrangement.

2.2 The location of the FBVS equipment is as listed in Table 2.6.4-1—Fuel Building Ventilation System Equipment Mechanical Design.

2.3 Separation exists between the FBVS ventilation trains in the Fuel Building. The FBVS is divided into two subsystems referred to as cells. The cells separate the ventilation system serving the systems in the Fuel Building.

3.0 Mechanical Design Features

3.1 Deleted.

3.2 Equipment listed in Table 2.6.4-1 can perform the function listed in Table 2.6.4-1 under system operating conditions.

3.3 Components identified as Seismic Category I in Table 2.6.4-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.4-1.

3.4 Components listed in Table 2.6.4-1 as ASME AG-1 Code are designed in accordance with ASME AG-1 Code requirements.

3.5 Components listed in Table 2.6.4-1 as ASME AG-1 Code are fabricated in accordance with ASME AG-1 Code requirements, including welding requirements.

3.6 Components listed in Table 2.6.4-1 as ASME AG-1 Code are inspected and tested in accordance with ASME AG-1 Code requirements.

4.0 Displays and Controls

4.1 Displays listed in Table 2.6.4-2—Fuel Building 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 2.6.4-2.

4.2 The FBVS equipment controls are provided in the MCR and RSS as listed in Table 2.6.4-2.

4.3 Equipment listed as being controlled by a priority and actuator control system (PACS) module in Table 2.6.4-2 responds to the state requested by a test signal.

5.0 Electrical Power Design Features

5.1 The equipment designated as Class 1E in Table 2.6.4-2 is powered from the Class 1E division as listed in Table 2.6.4-2 in a normal or alternate feed condition.

5.2 Deleted.

6.0 Environmental Qualifications

6.1 Components in Table 2.6.4-2, that are designated as harsh environment, will perform the function listed in Table 2.6.4-1 in the environments that exist during and following design basis events.

7.0 Equipment and System Performance

7.1 Upon receipt of a containment isolation signal (CIS), the FBVS maintains a negative pressure relative to the outside environment in the Fuel Building .

7.2 Upon receipt of a containment isolation signal (CIS), the FBVS isolation dampers identified in Table 2.6.4-1 realign to exhaust air to the SBVS iodine filtration exhaust to the plant vent stack within the design basis closure time..

7.3 The FBVS provides cooling to maintain design temperatures in the Fuel Building pump rooms, while operating in a design basis accident alignment.

7.4 The FBVS provides heating to maintain design temperatures in the Fuel Building rooms for systems containing borated fluid, while operating in a design basis accident alignment.

8.0 Inspections, Tests, Analyses and Acceptance Criteria

Table 2.6.4-3 lists the FBVS ITAAC.

Table 2.6.4-1—Fuel Building Ventilation System Equipment Mechanical Design (3 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Supply and Exhaust of Fuel Handling Hall					
Motor Operated Supply Damper	30KLL11AA002	30UFA29045	Yes	Close	I
Motor Operated Supply Damper	30KLL14AA002	30UFA29015	Yes	Close	I
Motor Operated Exhaust Damper	30KLL21AA002	30UFA29015	Yes	Open	I
Motor Operated Exhaust Damper	30KLL24AA002	30UFA29045	Yes	Open	I
Supply and Exhaust in front of Equipment Hatch					
Motor Operated Supply Damper	30KLL11AA001	30UFA29090	Yes	Close	I
Motor Operated Supply Damper	30KLL14AA001	30UFA29090	Yes	Close	I
Motor Operated Exhaust Damper	30KLL21AA001	30UFA29090	Yes	Close	I
Motor Operated Exhaust Damper	30KLL24AA001	30UFA29090	Yes	Close	I
Supply and Exhaust in front of Emergency Airlock					
Motor Operated Supply Damper	30KLL11AA003	30UFA29005	Yes	Close	I
Motor Operated Supply Damper	30KLL14AA003	30UFA29004	Yes	Close	I
Motor Operated Exhaust Damper	30KLL21AA003	30UFA29005	Yes	Close	I

Table 2.6.4-1—Fuel Building Ventilation System Equipment Mechanical Design (3 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Motor Operated Exhaust Damper	30KLL24AA003	30UFA29004	Yes	Close	I
Fuel Building Isolation					
Motor Operated Supply Damper (Cell 5)	30KLL34AA090	30UFA24045	Yes	Close	I
Motor Operated Supply Damper (Cell 5)	30KLL31AA049	30UFA24045	Yes	Close	I
Motor Operated Exhaust Damper (Cell 5)	30KLL41AA101	30UFA24056	Yes	Close	I
Motor Operated Exhaust Damper (Cell 5)	30KLL44AA101	30UFA24056	Yes	Close	I
Motor Operated Supply Damper (Cell 4)	30KLL34AA065	30UFA24095	Yes	Close	I
Motor Operated Supply Damper (Cell 4)	30KLL31AA090	30UFA24095	Yes	Close	I
Motor Operated Exhaust Damper (Cell 4)	30KLL41AA100	30UFA29054	Yes	Close	I
Motor Operated Exhaust Damper (Cell 4)	30KLL44AA100	30UFA29054	Yes	Close	I
Motor Operated Damper	30KLL21AA004	30UFA39015	Yes	Open	I
Motor Operated Damper	30KLL24AA004	30UFA39015	Yes	Open	I
Recirculation Cooling Units for the Extra Borating System Pump Rooms					
Air Cooling Coil	30KLL61AC001	30UFA01038	Yes	N/A	I
Moisture Separator	30KLL61AT001	30UFA01038	Yes	N/A	I
Recirculation Fan	30KLL61AN001	30UFA01038	Yes	Run	I

Table 2.6.4-1—Fuel Building Ventilation System Equipment Mechanical Design (3 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Air Cooling Coil	30KLL64AC001	30UFA01088	Yes	N/A	I
Moisture Separator	30KLL64AT001	30UFA01088	Yes	N/A	I
Recirculation Fan	30KLL64AN001	30UFA01088	Yes	Run	I
Recirculation Cooling Units for the Fuel Pool Cooling System Pump Rooms					
Air Cooling Coil	30KLL61AC002	30UFA01026	Yes	N/A	I
Recirculation Fan	30KLL61AN002	30UFA01026	Yes	Run	I
Air Cooling Coil	30KLL61AC003	30UFA05082	Yes	N/A	I
Recirculation Fan	30KLL61AN003	30UFA05082	Yes	Run	I
Air Cooling Coil	30KLL64AC002	30UFA01076	Yes	N/A	I
Recirculation Fan	30KLL64AN002	30UFA01076	Yes	Run	I
Air Cooling Coil	30KLL64AC003	30UFA01077	Yes	N/A	I
Recirculation Fan	30KLL64AN003	30UFA01077	Yes	Run	I
Moisture Separator	30KLL61AT002	30UFA01026	Yes	N/A	I
Moisture Separator	30KLL61AT003	30UFA05082	Yes	N/A	I
Moisture Separator	30KLL64AT002	30UFA01076	Yes	N/A	I
Moisture Separator	30KLL64AT003	30UFA01077	Yes	N/A	I
Electric Heaters for the Extra Borating System Pump Rooms and Pipe Chase					
Electric Heaters	30KLL61AH001/002	30UFA01038	Yes	On/Off	I
Electric Heaters	30KLL61AH003/004	30UFA06039	Yes	On/Off	I
Electric Heaters	30KLL64AH001/002	30UFA01088	Yes	On/Off	I
Electric Heaters	30KLL64AH003/004	30UFA06087	Yes	On/Off	I

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

Table 2.6.4-2—Fuel 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
Supply and Exhaust of Fuel Handling Hall							
Motor Operated Supply Damper	30KLL11AA002	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper	30KLL14AA002	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper	30KLL21AA002	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper	30KLL24AA002	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Supply and Exhaust in front of Equipment Hatch							
Motor Operated Supply Damper	30KLL11AA001	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper	30KLL14AA001	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper	30KLL21AA001	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper	30KLL24AA001	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Supply and Exhaust in front of Emergency Airlock							
Motor Operated Supply Damper	30KLL11AA003	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper	30KLL14AA003	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close

Table 2.6.4-2—Fuel 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 Exhaust Damper	30KLL21AA003	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper	30KLL24AA003	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Fuel Building Isolation							
Motor Operated Supply Damper (Cell 5)	30KLL34AA090	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper (Cell 5)	30KLL31AA049	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper (Cell 5)	30KLL41AA101	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper (Cell 5)	30KLL44AA101	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper (Cell 4)	30KLL34AA065	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Supply Damper (Cell 4)	30KLL31AA090	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper (Cell 4)	30KLL41AA100	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Exhaust Damper (Cell 4)	30KLL44AA100	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Damper	30KLL21AA004	Fuel Building	Division 1 N Division 2 A	Yes	Yes	Position / Position	Open-Close / Open-Close

Table 2.6.4-2—Fuel 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 Damper	30KLL24AA004	Fuel Building	Division 4 N Division 3 A	Yes	Yes	Position / Position	Open-Close / Open-Close
Fuel Building Ventilation System Gamma Activity Monitor	KLK38CR001	Fuel Building	Yes	No	Yes	Radiation Alarm/ Radiation Alarm	N/A
Fuel Building Ventilation System Gamma Activity Monitor	KLK38CR002	Fuel Building	Yes	No	Yes	Radiation Alarm/ Radiation Alarm	N/A
Recirculation Cooling Units for the Extra Borating System Pump Rooms							
Recirculation Fan	30KLL61AN001	Fuel Building	Division 1 N Division 2 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Fan	30KLL64AN001	Fuel Building	Division 4 N Division 3 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Cooling Units for the Fuel Pool Cooling System Pump Rooms							
Recirculation Fan	30KLL61AN002	Fuel Building	Division 1 N Division 2 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Fan	30KLL61AN003	Fuel Building	Division 1 N Division 2 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Fan	30KLL64AN002	Fuel Building	Division 4 N Division 3 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Recirculation Fan	30KLL64AN003	Fuel Building	Division 4 N Division 3 A	Yes	Yes	On-Off / On-Off	Run-Stop / Run-Stop

Table 2.6.4-2—Fuel 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
Electric Heaters for the Extra Borating System Pump Rooms and Pipe Chase							
Electric Heaters	30KLL61AH 001/002/003/004	Fuel Building	Division 1 N Division 2 A	Yes	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Electric Heaters	30KLL64AH 001/002/003/004	Fuel Building	Division 4 N Division 3 A	Yes	Yes	On-Off / On-Off	Start-Stop / Start-Stop

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 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
2.1	The functional arrangement of the FBVS is as shown on Figure 2.6.4-1.	Inspections of the as-built system will be conducted.	The as-built FBVS conforms to the functional arrangement as shown on Figure 2.6.4-1.
2.2	The location of the FBVS equipment is as listed in Table 2.6.4-1.	An inspection will be performed of the location of the equipment listed in Table 2.6.4-1.	The equipment listed in Table 2.6.4-1 is located as listed in Table 2.6.4-1.
2.3	Separation exists between the FBVS ventilation trains in the Fuel Building. The FBVS is divided into two subsystems referred as cells. The cells separate the ventilation system serving the systems in the Fuel Building.	Inspection will be performed to verify that the FBVS is divided into two subsystems referred as cells. The cells separate the ventilation system serving the systems in the Fuel Building.	The FBVS equipment is located as listed in Table 2.6.4-1.
3.1	Deleted.	Deleted.	Deleted.
3.2	Equipment listed in Table 2.6.4-1 can perform the function listed in Table 2.6.4-1 under system operating conditions.	Tests will be performed.	Equipment listed in Table 2.6.4-1 performs the function listed in the table under system operating conditions.

Table 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
3.3	Components identified as Seismic Category I in Table 2.6.4-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.4-1.	a. Type tests, analyses, or a combination of type tests and analyses will be performed on the components identified as Seismic Category I in Table 2.6.4-1 using analytical assumptions, or under conditions, which bound the Seismic Category I design requirements. b. Inspections will be performed of the Seismic Category I components identified in Table 2.6.4-1 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).	a. Seismic qualification reports (SQDP, EQDP, or analyses) exist and conclude that the Seismic Category I components identified in Table 2.6.4-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.4-1 including the time required to perform the listed function. b. Inspection reports exist and conclude that the Seismic Category I components identified in Table 2.6.4-1, including anchorage, are installed as specified on the construction drawings and deviations have been reconciled to the seismic qualification reports (SQDP, EQDP, or analyses).
3.4	Components listed in Table 2.6.4-1 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 2.6.4-1.
3.5	Components listed in Table 2.6.4-1 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 2.6.4-1, reports exist and conclude that the component meets ASME AG-1 Code requirements, including welding requirements.

Table 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
3.6	Components listed in Table 2.6.4-1 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 2.6.4-1, reports exist and conclude that the component meets ASME AG-1 Code inspection and testing requirements.
4.1	Displays listed in Table 2.6.4-2 are retrievable in the MCR and the remote shutdown station (RSS) as listed in Table 2.6.4-2.	a. Tests will be performed for the retrieve-ability of the displays in the MCR as listed in Table 2.6.4-2. b. Tests will be performed for the retrieve-ability of the displays in the RSS as listed in Table 2.6.4-2.	a. The displays listed in Table 2.6.4-2 as being retrieved in the MCR can be retrieved in the MCR. b. The displays listed in Table 2.6.4-2 as being retrieved in the RSS can be retrieved in the RSS.
4.2	Controls exist in the MCR and the RSS as listed in Table 2.6.4-2.	a. Tests will be performed for the existence of control signals from the MCR to the equipment listed in Table 2.6.4-2. b. Tests will be performed for the existence of control signals from the RSS to the equipment listed in Table 2.6.4-2.	a. The controls listed in Table 2.6.4-2 as being in the MCR exist in the MCR. b. The controls listed in Table 2.6.4-2 as being in the RSS exist in the RSS.
4.3	Equipment listed as being controlled by a PACS module in Table 2.6.4-2 responds to the state requested by a test signal.	A test will be performed using test signals.	Equipment listed as being controlled by a PACS module in Table 2.6.4-2 responds to the state requested by the test signal.

Table 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
5.1	The components designated as Class 1E in Table 2.6.4-2 are powered from the Class 1E division as listed in Table 2.6.4-2 in a normal or alternate feed condition.	a. Testing will be performed for the components designated as Class 1E in Table 2.6.4-2 by providing a test signal in each normally aligned division. b. Testing will be performed for the components designated as Class 1E in Table 2.6.4-2 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 component identified in Table 2.6.4-2. b. The test signal provided in each division with the alternate feed aligned to the divisional pair is present at the respective Class 1E component identified in Table 2.6.4-2.
5.2	Deleted.	Deleted.	Deleted.
6.1	Components in Table 2.6.4-2, that are designated as harsh environment, will perform the function listed in Table 2.6.4-1 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 2.6.4-2 to perform the function listed in Table 2.6.4-1 for the environmental conditions that could occur during and following design basis events. b. Components listed as harsh environment in Table 2.6.4-2 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 2.6.4-2 can perform the function listed in Table 2.6.4-1 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 2.6.4-2 as harsh environment has been installed per the construction drawings and any deviations have been reconciled to the EQDP.

Table 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
7.1	Upon receipt of a containment isolation signal, the FBVS maintains a negative pressure relative to the outside environment in the Fuel Building.	A test will be performed to verify, upon receipt of a containment isolation test signal, that the FBVS maintains a negative pressure relative to the outside environment in the Fuel Building.	The test confirms, upon receipt of a containment isolation test signal, that the FBVS maintains the pressure less than or equal to -0.25 inches water gauge relative to the outside environment in the Fuel Building.
7.2	Upon receipt of a containment isolation signal, the FBVS isolation dampers identified in Table 2.6.4-1 realign to exhaust air to the SBVS iodine filtration exhaust to the plant vent stack within the design basis closure time.	A test will be performed to verify, upon receipt of a containment isolation test signal, that the FBVS isolation dampers identified in Table 2.6.4-1 realign to exhaust air to the SBVS iodine filtration exhaust to the plant vent stack within the design basis closure time.	A test confirms, upon receipt of a containment isolation test signal, that the FBVS isolation dampers identified in Table 2.6.4-1 realign to exhaust air to the SBVS iodine filtration exhaust to the plant vent stack within 60 seconds.
7.3	The FBVS provides cooling to maintain design temperatures in the Fuel Building pump rooms for systems containing borated fluid, while operating in a design basis accident alignment.	a. An inspection of the manufacturer's documentation of the FBVS cooling coils will be performed. b. Tests and analysis of the FBVS cooling units will be performed to verify that design temperatures can be maintained in the Fuel Building pump rooms, while operating in a design basis accident alignment.	a. A report confirms that each FBVS cooling coil is capable of providing design cooling requirements. b. A report confirms that the FBVS is capable of providing cooling to maintain design temperatures in the Fuel Building pump rooms, while operating in a design basis accident alignment.

Table 2.6.4-3—Fuel Building Ventilation System ITAAC
(6 Sheets)

	Commitment Wording	Inspections, Tests, Analyses	Acceptance Criteria
7.4	The FBVS provides heating to maintain design temperatures in the Fuel Building rooms for systems containing borated fluid, while operating in a design basis accident alignment.	a. An inspection of the manufacturer's documentation of the FBVS heaters will be performed. b. Tests and analysis of the FBVS heaters will be performed to verify that design temperatures can be maintained in the Fuel Building pump rooms, while operating in a design basis accident alignment.	a. A report confirms that each FBVS heater is capable of providing design heating requirements. b. A report confirms that the FBVS is capable of providing heating to maintain design temperature in the Fuel Building pump rooms, while operating in a design basis accident alignment.

Next File