2.6.9 Emergency Power Generating Building Ventilation System

1.0 Description

The emergency power generating building ventilation system (EPGBVS) controls the temperature, humidity and air change rate in the Emergency Power Generating Buildings (EPGB) for personnel comfort, personnel safety, and equipment protection during operation of the emergency diesel generators (EDG). The EPGBVS provides ventilation of the diesel hall, electrical room, and main tank room; and cooling of the electrical room for each of the four divisions of the EPGBs to remove equipment heat, and heat generated from other sources. The EPGBVS also provides heat to maintain a minimum temperature in the buildings.

Each division of the EPGBs has its own independent heating, ventilation and air conditioning system which is not connected to other divisions. Two divisions are located in each of the two EPGBs. EPGBVS Divisions 1 and 2 are located in EPGB 1/2 and Divisions 3 and 4 in EPGB 3/4. During normal plant operation, the EDGs do not operate, however the EPGBVS maintains an acceptable ambient temperature for the startup of EDGs and for personnel comfort.

The EPGBVS provides the following safety-related functions:

- Removes heat generated by the EDGs during operation of the EDGs to maintain acceptable operating conditions in the diesel hall.
- Maintains acceptable ambient conditions in the electrical room and main tank room.
- Maintains environmental conditions for startup of the EDGs.

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

- Maintains the room ambient conditions to allow personnel access during normal operation.
- Provides ventilation to maintain required air renewal rates.

2.0 Arrangement

2.1 The functional arrangement of the EPGBVS is as shown in the following figures:

- Figure 2.6.9-1—Emergency Power Generating Building Ventilation System Functional Arrangement, Division 1.
- Figure 2.6.9-2—Emergency Power Generating Building Ventilation System Functional Arrangement, Division 2.
- Figure 2.6.9-3—Emergency Power Generating Building Ventilation System Functional Arrangement, Division 3.

- Figure 2.6.9-4—Emergency Power Generating Building Ventilation System Functional Arrangement, Division 4.

2.2 The location of the EPGBVS equipment is as listed in Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design.

2.3 Physical separation exists between the four divisions of the EPGBVS.

3.0 Mechanical Design Features

3.1 Deleted.

3.2 Equipment listed in Table 2.6.9-1 can perform the function listed in Table 2.6.9-1 under system operating conditions.

3.3 Components identified as Seismic Category I in Table 2.6.9-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.9-1.

3.4 Components listed in Table 2.6.9-1 as ASME AG-1 Code are designed in accordance with ASME AG-1 Code requirements.

3.5 Components listed in Table 2.6.9-1 as ASME AG-1 Code are fabricated in accordance with ASME AG-1 Code requirements, including welding requirements.

3.6 Components listed in Table 2.6.9-1 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 2.6.9-2—Emergency Power Generating 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 2.6.9-2.

4.2 The EPGBVS equipment controls are provided in the MCR and RSS as listed in Table 2.6.9-2.

4.3 Equipment listed as being controlled by a priority and actuator control system (PACS) module in Table 2.6.9-2 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 2.6.9-2 are powered from the Class 1E division as listed in Table 2.6.9-2 in a normal feed condition.

5.2 Motor operated dampers listed in Table 2.6.9-2 fail to the position as shown in Table 2.6.9-2 on loss of power.

6.0 Equipment and System Performance

6.1 The EPGBVS provides ventilation and cooling to maintain design temperatures in the Emergency Power Generating Buildings, while operating in a design basis accident alignment.

7.0 Inspections, Tests, Analyses and Acceptance Criteria

Table 2.6.9-3 lists the EPGBVS ITAAC.

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Fresh Air Supply					
Back Draft Dampers	30SAD11AA001 30SAD21AA001 30SAD31AA001 30SAD41AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Back Draft Dampers	30SAD11AA002 30SAD21AA002 30SAD31AA002 30SAD41AA002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Pre-filters	30SAD11AT001 30SAD21AT001 30SAD31AT001 30SAD41AT001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Pre-filters	30SAD11AT002 30SAD21AT002 30SAD31AT002 30SAD41AT002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Supply Air Fans	30SAD11AN001 30SAD21AN001 30SAD31AN001 30SAD41AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Run	I
Supply Air Fans	30SAD11AN002 30SAD21AN002 30SAD31AN002 30SAD41AN002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Run	I

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Diesel Hall Air Supply and Exhaust					
Manual Dampers	30SAD12AA001 30SAD22AA001 30SAD32AA001 30SAD42AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD12AA002 30SAD22AA002 30SAD32AA002 30SAD42AA002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD12AA003 30SAD22AA003 30SAD32AA003 30SAD42AA003	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD12AA004 30SAD22AA004 30SAD32AA004 30SAD42AA004	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD12AA005 30SAD22AA005 30SAD32AA005 30SAD42AA005	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Exhaust Fans	30SAD15AN001 30SAD25AN001 30SAD35AN001 30SAD45AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Exhaust Fans	30SAD15AN002 30SAD25AN002 30SAD35AN002 30SAD45AN002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Back Draft Dampers	30SAD15AA001 30SAD25AA001 30SAD35AA001 30SAD45AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Back Draft Dampers	30SAD15AA002 30SAD25AA002 30SAD35AA002 30SAD45AA002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Electrical Room Air Supply and Recirculation					
Motor operated dampers	30SAD13AA001 30SAD23AA001 30SAD33AA001 30SAD43AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Open	I
Manual dampers	30SAD13AA002 30SAD23AA002 30SAD33AA002 30SAD43AA002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Pre-filters	30SAD13AT001 30SAD23AT001 30SAD33AT001 30SAD43AT001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number (1)	Location	ASME AG-1 Code	Function	Seismic Category
HEPA Filters	30SAD13AT002 30SAD23AT002 30SAD33AT002 30SAD43AT002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Cooling Coils	30SAD13AC001 30SAD23AC001 30SAD33AC001 30SAD43AC001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Moisture Separators	30SAD13AT003 30SAD23AT003 30SAD33AT003 30SAD43AT003	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Electric Heaters	30SAD13AH001 30SAD23AH001 30SAD33AH001 30SAD43AH001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	On / Off	I
Supply Air Fans	30SAD13AN001 30SAD23AN001 30SAD33AN001 30SAD43AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Run	I
Humidifiers	30SAD13AH002 30SAD23AH002 30SAD33AH002 30SAD43AH002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	II

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Back Draft Dampers	30SAD13AA003 30SAD23AA003 30SAD33AA003 30SAD43AA003	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Back Draft Dampers	30SAD13AA006 30SAD23AA006 30SAD33AA006 30SAD43AA006	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Main Tank Room Air Supply and Exhaust					
Back Draft Dampers	30SAD16AA001 30SAD26AA001 30SAD36AA001 30SAD46AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD16AA003 30SAD26AA003 30SAD36AA003 30SAD46AA003	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Manual Dampers	30SAD16AA004 30SAD26AA004 30SAD36AA004 30SAD46AA004	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Electric Heaters	30SAD16AH001 30SAD26AH001 30SAD36AH001 30SAD46AH001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	On / Off	I

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number [1]	Location	ASME AG-1 Code	Function	Seismic Category
Exhaust Fans	30SAD16AN001 30SAD26AN001 30SAD36AN001 30SAD46AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Run	I
Back Draft Damper	30SAD16AA005 30SAD26AA005 30SAD36AA005 30SAD46AA005	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	N/A	I
Motor Operated Damper	30SAD16AA007 30SAD26AA007 30SAD36AA007 30SAD46AA007	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Open	I
Motor Operated Damper	30SAD16AA008 30SAD26AA008 30SAD36AA008 30SAD46AA008	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Yes	Open	I
Fan Heaters	30SAD14AH001 30SAD14AH002 30SAD14AH003 30SAD14AH004	1/2 EPGB, Division 1	Yes	On / Off	II
Fan Heaters	30SAD24AH001 30SAD24AH002 30SAD24AH003 30SAD24AH004	1/2 EPGB, Division 2	Yes	On / Off	II

Table 2.6.9-1—Emergency Power Generating Building Ventilation System Equipment Mechanical Design (7 Sheets)

Description	Tag Number (1)	Location	ASME AG-1 Code	Function	Seismic Category
Fan Heaters	30SAD34AH001 30SAD34AH002 30SAD34AH003 30SAD34AH004	3/4 EPGB, Division 3	Yes	On / Off	II
Fan Heaters	30SAD44AH001 30SAD44AH002 30SAD44AH003 30SAD44AH004	3/4 EPGB, Division 4	Yes	On / Off	II

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

Table 2.6.9-2—Emergency Power Generating Building Ventilation System Equipment I&C and Electrical Design (3 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E	Failure Position	PACS	MCR / RSS Displays	MCR / RSS Controls
Supply Air Fans	30SAD11AN001 30SAD21AN001 30SAD31AN001 30SAD41AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Supply Air Fans	30SAD11AN002 30SAD21AN002 30SAD31AN002 30SAD41AN002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Exhaust Fans	30SAD15AN001 30SAD25AN001 30SAD35AN001 30SAD45AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Exhaust Fans	30SAD15AN002 30SAD25AN002 30SAD35AN002 30SAD45AN002	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Motor Operated Dampers	30SAD13AA001 30SAD23AA001 30SAD33AA001 30SAD43AA001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	Close	Yes	Position / Position	Open-Close / Open-Close
Electric Heaters	30SAD13AH001 30SAD23AH001 30SAD33AH001 30SAD43AH001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Start-Stop / Start-Stop

Table 2.6.9-2—Emergency Power Generating Building Ventilation System Equipment I&C and Electrical Design (3 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E	Failure Position	PACS	MCR / RSS Displays	MCR / RSS Controls
Supply Air Fans	30SAD13AN001 30SAD23AN001 30SAD33AN001 30SAD43AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Motor Operated Dampers	30SAD16AA007 30SAD26AA007 30SAD36AA007 30SAD46AA007	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	Close	Yes	Position / Position	Open-Close / Open-Close
Motor Operated Dampers	30SAD16AA008 30SAD26AA008 30SAD36AA008 30SAD46AA008	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	Close	Yes	Position / Position	Open-Close / Open-Close
Exhaust Fans	30SAD16AN001 30SAD26AN001 30SAD36AN001 30SAD46AN001	1/2 EPGB, Division 1 1/2 EPGB, Division 2 3/4 EPGB, Division 3 3/4 EPGB, Division 4	Division 1 Division 2 Division 3 Division 4	N/A	Yes	On-Off / On-Off	Run-Stop / Run-Stop
Fan Heaters	30SAD14AH001 30SAD14AH002 30SAD14AH003 30SAD14AH004	1/2 EPGB, Division 1	Division 1	N/A	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Fan Heaters	30SAD24AH001 30SAD24AH002 30SAD24AH003 30SAD24AH004	1/2 EPGB, Division 2	Division 2	N/A	Yes	On-Off / On-Off	Start-Stop / Start-Stop

Table 2.6.9-2—Emergency Power Generating Building Ventilation System Equipment I&C and Electrical Design (3 Sheets)

Description	Tag Number (1)	Location	IEEE Class 1E	Failure Position	PACS	MCR / RSS Displays	MCR / RSS Controls
Fan Heaters	30SAD34AH001 30SAD34AH002 30SAD34AH003 30SAD34AH004	3/4 EPGB, Division 3	Division 3	N/A	Yes	On-Off / On-Off	Start-Stop / Start-Stop
Fan Heaters	30SAD44AH001 30SAD44AH002 30SAD44AH003 30SAD44AH004	3/4 EPGB, Division 4	Division 4	N/A	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.

Table 2.6.9-3—Emergency Power Generating Building Ventilation System ITAAC (3 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
2.1	The functional arrangement of the EPGBVS is as shown on Figures 2.6.9-1, 2.6.9-2, 2.6.9-3, and 2.6.9-4.	Inspections of the as-built system will be conducted.	The as-built EPGBVS conforms to the functional arrangement as shown in Figures 2.6.9-1, 2.6.9-2, 2.6.9-3, and 2.6.9-4.
2.2	The location of the EPGBVS equipment is as listed in Table 2.6.9-1.	An inspection will be performed of the location of the equipment listed in Table 2.6.9-1.	The equipment listed in Table 2.6.9-1 is located as listed in Table 2.6.9-1.
2.3	Physical separation exists between the four divisions of the EPGBVS.	Inspection will be performed of the EPGBVS.	a. Each mechanical division of the EPGBs is as shown on Figures 2.6.9-1 through 2.6.9-4. b. Two mechanical divisions are located in each of the two EPGBs.
3.1	Deleted.	Deleted.	Deleted.
3.2	Equipment listed in Table 2.6.9-1 can perform the function listed in Table 2.6.9-1 under system operating conditions.	Tests will be performed.	Equipment listed in Table 2.6.9-1 performs the function listed in the table under system operating conditions.
3.3	Components identified as Seismic Category I in Table 2.6.9-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.9-1.	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 2.6.9-1 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 Table 2.6.9-1 can withstand seismic design basis loads without a loss of the function listed in Table 2.6.9-1 including the time required to perform the listed function.
		b. Inspections will be performed of the Seismic Category I components identified in Table 2.6.9-1 to verify that the components, including anchorage, are installed as specified on the	b. Inspection reports exist and conclude that the Seismic Category I components identified in Table 2.6.9-1, including anchorage, are installed as specified on the construction drawings and deviations have been

Table 2.6.9-3—Emergency Power Generating Building Ventilation System ITAAC (3 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
		construction drawings and deviations have been reconciled to the seismic qualification reports (SQDP, EQDP, or analyses).	reconciled to the seismic qualification reports (SQDP, EQDP, or analyses).
3.4	Components listed in Table 2.6.9-1as 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 2.6.9-1.
3.5	Components listed in Table 2.6.9-1 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 2.6.9-1, reports exist and conclude that the component meets ASME AG-1 Code requirements, including welding requirements.
3.6	Components listed in Table 2.6.9-1 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 2.6.9-1, reports exist and conclude that the component meets ASME AG-1 Code inspection and testing requirements.
4.1	Displays listed in Table 2.6.9-2 are retrievable in the MCR and the remote shutdown station (RSS) as listed in Table 2.6.9-2.	Tests will be performed for the retrieve-ability of the displays in the MCR and the RSS as listed in Table 2.6.9-2.	a. The displays listed in Table 2.6.9-2 as being retrieved in the MCR can be retrieved in the MCR. b. The displays listed in Table 2.6.9-2 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 2.6.9-2.	Test will be performed for the existence of control signals from the MCR and the RSS to the equipment listed in Table 2.6.9-2.	a. The controls listed in Table 2.6.9-2 as being in the MCR exist in the MCR. b. The controls listed in Table 2.6.9-2 as being in the RSS exist in the RSS.

Table 2.6.9-3—Emergency Power Generating Building Ventilation System ITAAC (3 Sheets)

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
4.3	Equipment listed as being controlled by a PACS module in Table 2.6.9-2 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 2.6.9-2 responds to the state requested by the test signal.
5.1	The components designated as Class 1E in Table 2.6.9-2 are powered from the Class 1E division as listed in Table 2.6.9-2 in a normal feed condition.	Testing will be performed for the components designated as Class 1E in Table 2.6.9-2 by providing a test signal in each normally aligned division.	The test signal provided in the normally aligned division is present at the respective Class 1E components identified in Table 2.6.9-2.
5.2	Motor operated dampers listed in Table 2.6.9-2 fail to the position as shown in Table 2.6.9-2 on loss of power.	Testing will be performed for the motor operated dampers listed in Table 2.6.9-2 to verify the position of dampers on loss of power.	Following loss of power, the motor operated dampers listed in Table 2.6.9-2 fail to the position as shown in Table 2.6.9-2.
6.1	The EPGBVS provides ventilation and cooling to maintain design temperatures in the Emergency Power Generating Buildings, while operating in a design basis accident alignment.	a. An inspection of the manufacturer's documentation of the EPGBVS cooling coils will be performed. b. Tests and analysis of the EPGBVS units will be performed to verify that design temperatures in the Emergency Power Generating Buildings, while operating in a design basis accident alignment.	a. A report confirms that each EPGBVS cooling coil is capable of providing design cooling requirements. b. A report confirms that the EPGBVS is capable of providing ventilation and cooling to maintain design temperatures in the Emergency Power Generating Buildings, while operating in a design basis accident alignment. • A report confirms that each EPGBVS fan is capable of meeting the design air flow requirements, while operating in a design basis accident alignment.

Next File