

APPENDIX C
AREA WALK-BY CHECKLISTS (AWCs)

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 105 Floor El. 545 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Anchorage for cover plate of E31-4 does not have nuts, see Photo 2. Concern has been judged not to represent an adverse condition regarding the component's seismic performance.

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

- 1) P42-1
- 2) P58-1
- 3) C31-4

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 105 Floor El. 545 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Temporary scaffolding in area appears to be adequately restrained. See Photo 3.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO *No fire sources identified in area.*

Flooding Sources: *Pump E198-1, Tanks T198-1, T199-1, Piping: Aux steam, comp cooling, cont spray, decay heat, demin water, fire protection, high press inject, prim water, makeup water, service water, reactor coolant*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 105 Floor El. 545 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

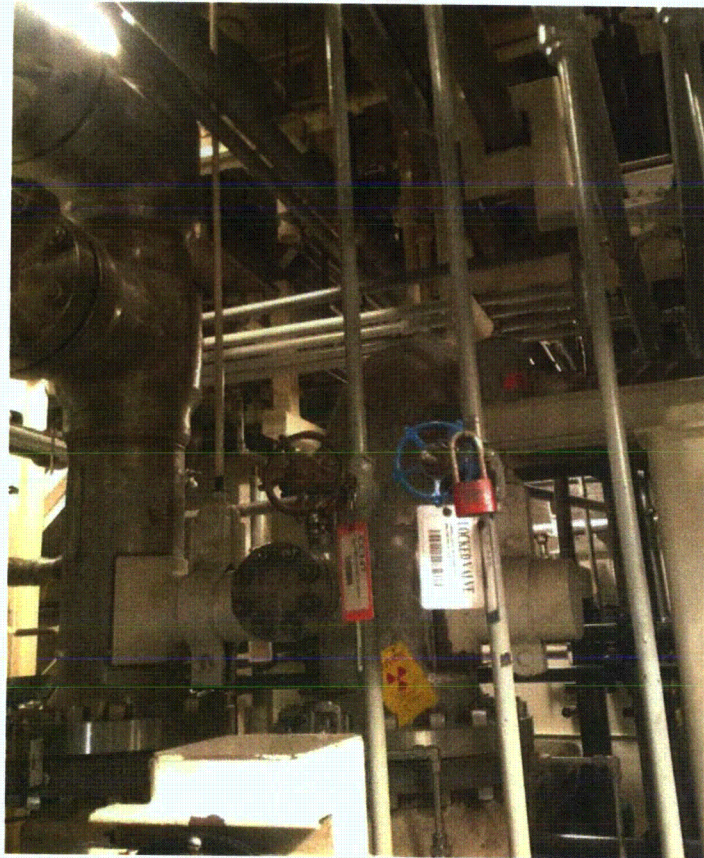


Photo 1
General View of Room 105 Area

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 105 Floor El. 545 Bldg. AUXB

Supporting Photos (continued):

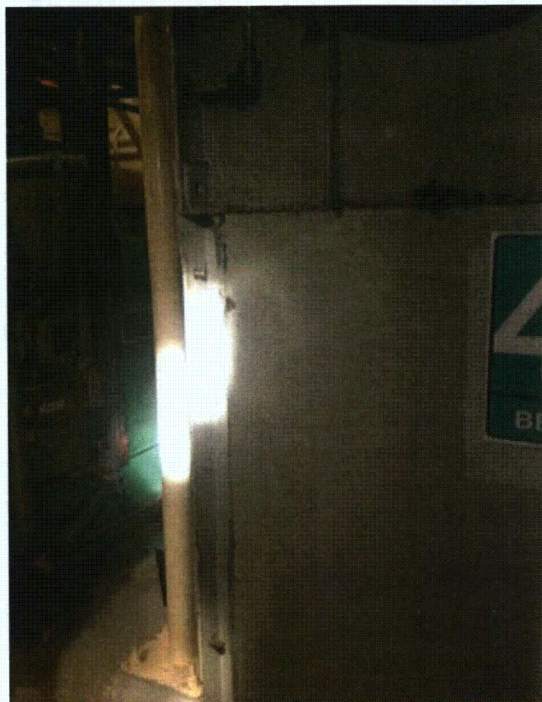


Photo 2
Missing Nuts on Cover of E31-4

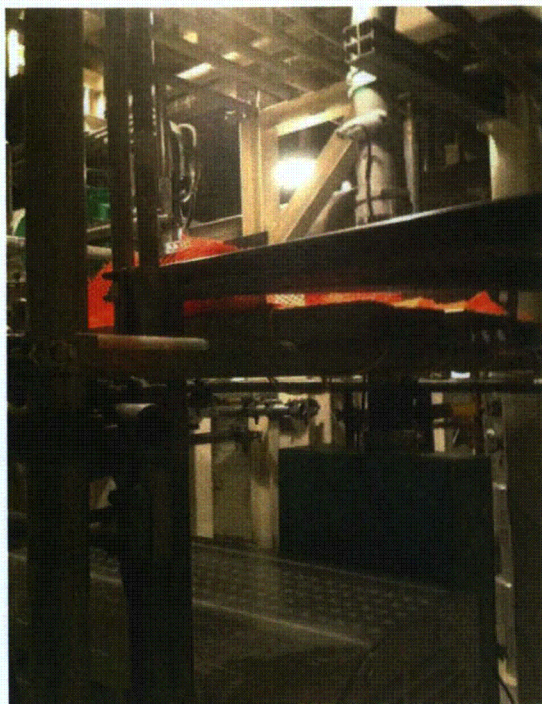


Photo 3
Temporary Scaffolding Restrained

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 113 Floor El. 545 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

- 1) E27-1
- 2) E27-2
- 3) CC1469

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 113 Floor El. 545 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

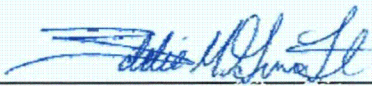
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: NO
No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 113 Floor El. 545 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 113

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 122 Floor El. 570'3.0625" Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Masonry walls identified in area.

Walls identified as 1157, 1167, and 1187.

Walls 1157 and 1167 have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW03-B001-009, Rev 5 and VBW03-B001-010, Rev 8). Wall 1187 is exempt since no safety-related equipment is in the vicinity of the wall.

Related equipment on SWEL for this area:

1) SF1616A

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 122 Floor El. 570'3.0625" Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Temporary scaffolding installed in area, judged not likely to cause interaction.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

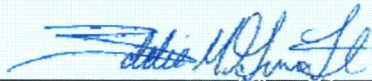
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: NO
No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status (Y) N U

Area Walk-By Checklist (AWC)

Room 122 Floor El. 570'3.0625" Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 122

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 208 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

- | | Y | N | U | N/A |
|--|---|---|---|-----|
| 1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | X | | | |
| 2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? | X | | | |
| 3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? | X | | | |
| 4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | X | | | |

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Related equipment on SWEL for this area:

- 1) FTHP3C
- 2) IA-636
- 3) hp2c
- 4) hp3c

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 208 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

A dolly was found unrestrained in the area. Since the dolly had restraining chains on it, it was judged that it is temporarily located at the position found in the room and will be returned to its storage location and tied when work is done. Also, no sensitive equipment found in the vicinity of this dolly.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?


Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *NO*
No fire sources identified in area.

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are Coolers E26-1, E26-2, Tank T139-1, Piping: Aux system, borated water, component cooling, cont spray, decay heat, demin water, fire*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ N ☐ U

Area Walk-By Checklist (AWC)

Room 208 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

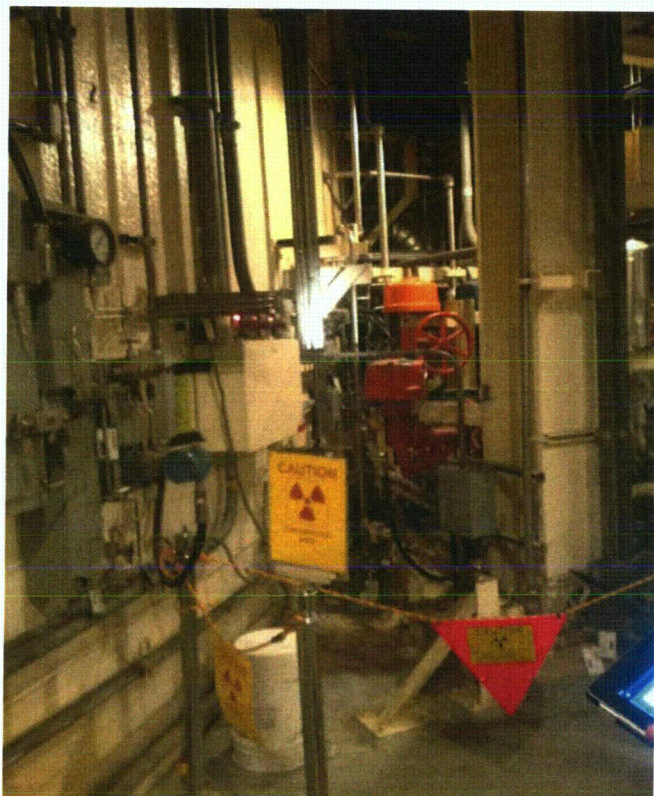


Photo 1
General View of Room 208

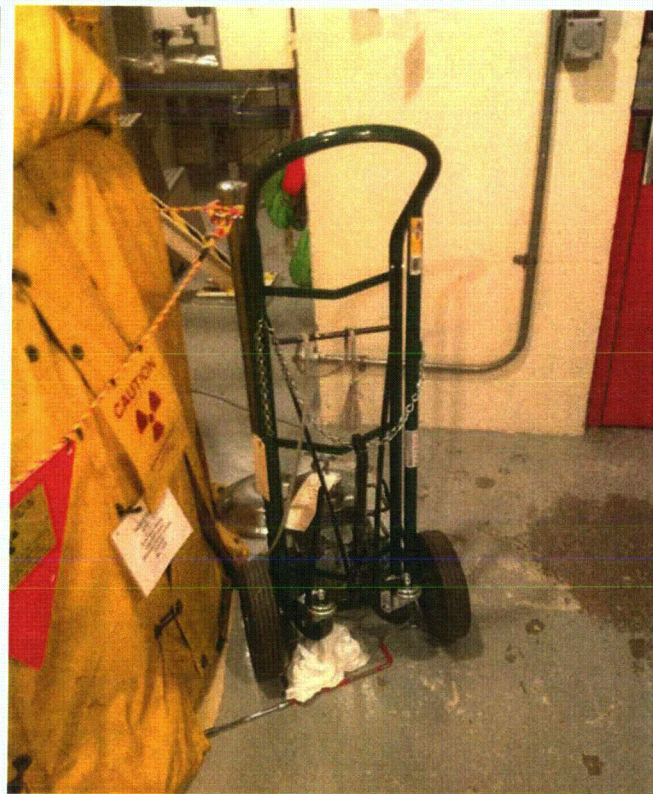


Photo 2
Unrestrained Dolly in Area

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 209 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Related equipment on SWEL for this area:

1) BW10

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 209 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

*Nuclear filter cask cart unrestrained adjacent to components.
There are no sensitive equipment in the zone of influence of this cart and it is judged OK. It is also noted that this cart appear to be temporarily in the area.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *Hydrogen Piping to Make Up Tank
No concerns identified regarding fire sources. The potential ignition sources in the area are Hydrogen Piping to Make Up Tank*

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are BWST Heater E34, Piping: Aux steam, borated water, comp cooling, domestic water, Duratek, demin water, fire protection, high pressure injection, main steam, makeup, primary water, spent fuel clean waste*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 209 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 209



Photo 2
Nuclear Filter Cask Cart Not Restrained

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 225 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Block wall close to P372B.

Walls identified as 2047, 2427, and 2437.

All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW06-B001-028, Rev 4, VBW10-B001-058, Rev 3 and VBW10-B001-059, Rev 1).

Related equipment on SWEL for this area:

1) P372B

2) DH9B

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 225 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

RP cart and dolly not restrained.

In a subsequent visit to his area on the next day, it was observed that this cart was properly restrained.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

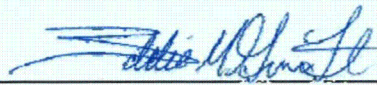
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *Lighting Transformer*
No concerns identified regarding fire sources. The potential ignition sources in the area are Lighting Transformer

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are Lube oil coolers E188-1, E188-2, E212-1, E212-2, cooler E36, Accumulators T6406 & T 6407, Piping: Comp Cooling, Core flood, makeup, reactor coolant*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 225 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

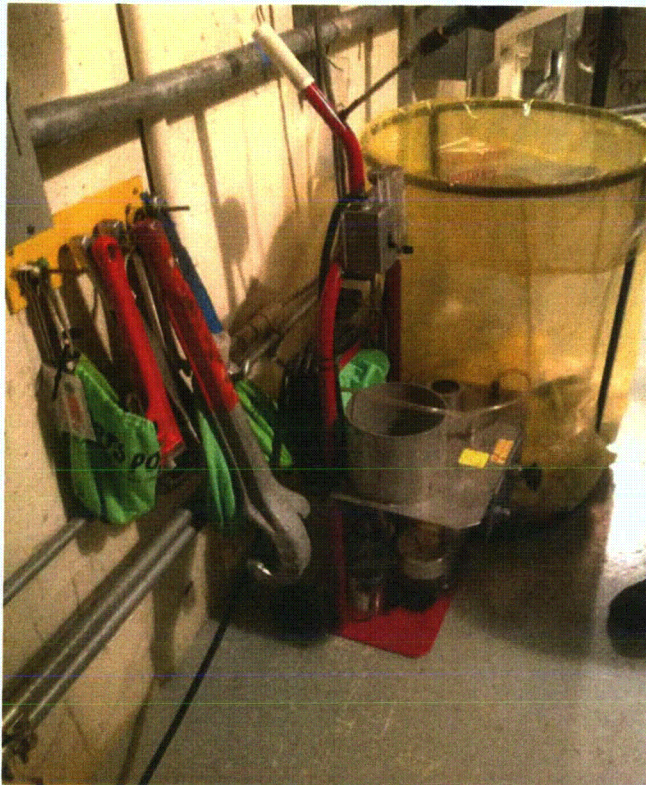


Photo 1
Dolly Not Restrained

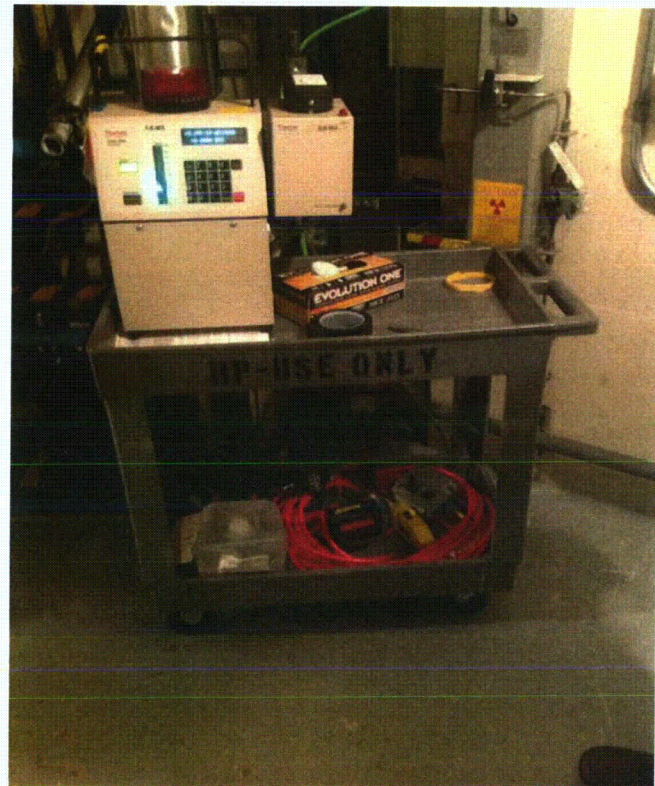


Photo 2
RP Cart Not Restrained

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 236 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Masonry wall in room, see Photo 2.

Walls identified as 2317, 2327, 2337, and 2347. All walls seismically analyzed.

per NRC IE Bulletin 80-11 (Ref. VBW09-B001-049, Rev 8, VBW09-B001-050, Rev 4, VBW09-B001-051, Rev 10 and VBW09-B001-052, Rev 3).

Related equipment on SWEL for this area:

1) hp2b

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 236 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

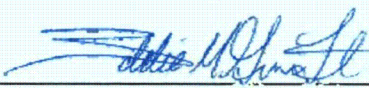
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are Tank T139-2, Piping: Aux feedwater, component cooling, containment spray, decay heat, fire protection, high pressure injection, main steam, makeup, prim water, reactor coolant spent fuel, service water

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 236 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

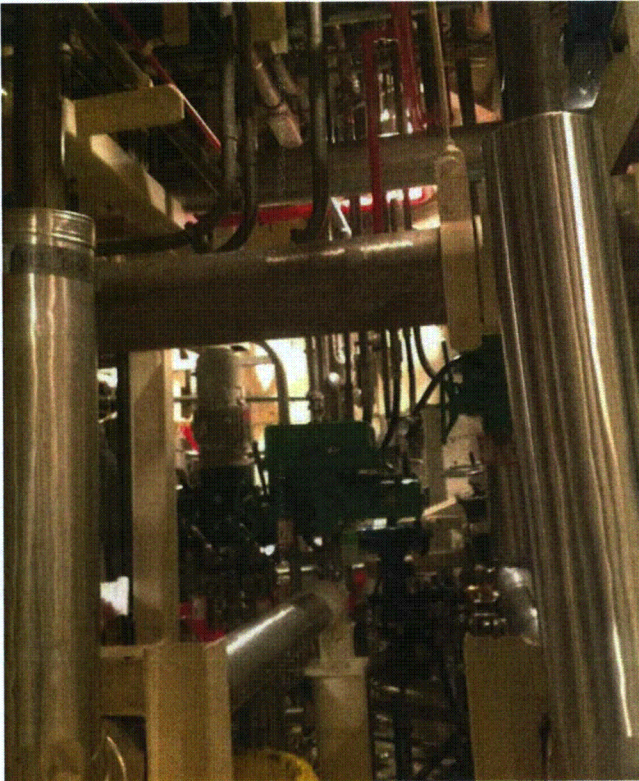


Photo 1
General View of Room 236



Photo 2
Masonry Wall

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 237 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

- 1) AF19
- 2) PSL 106C
- 3) PSL4928A
- 4) FV6452
- 5) P14-1
- 6) MS5889A
- 7) C73-1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 237 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

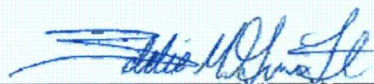
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are Oil cooler E194-1, condensate tank T217, Piping: Aux. feedwater, condensate, turbine plant cooling water, domestic water, main steam, Service water.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 237 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 237



Photo 2
General View of Room 237

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 238 Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Related equipment on SWEL for this area:

1) P14-2

2) FV6451

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 238 Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Scaffolding in area appears to be adequately restrained.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are Oil coolers E194-2, E30, seal water cooler T218, condensate tank T218, Piping: Aux. feedwater, condensate, turbine plant cooling water, domestic water, main steam, service water

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

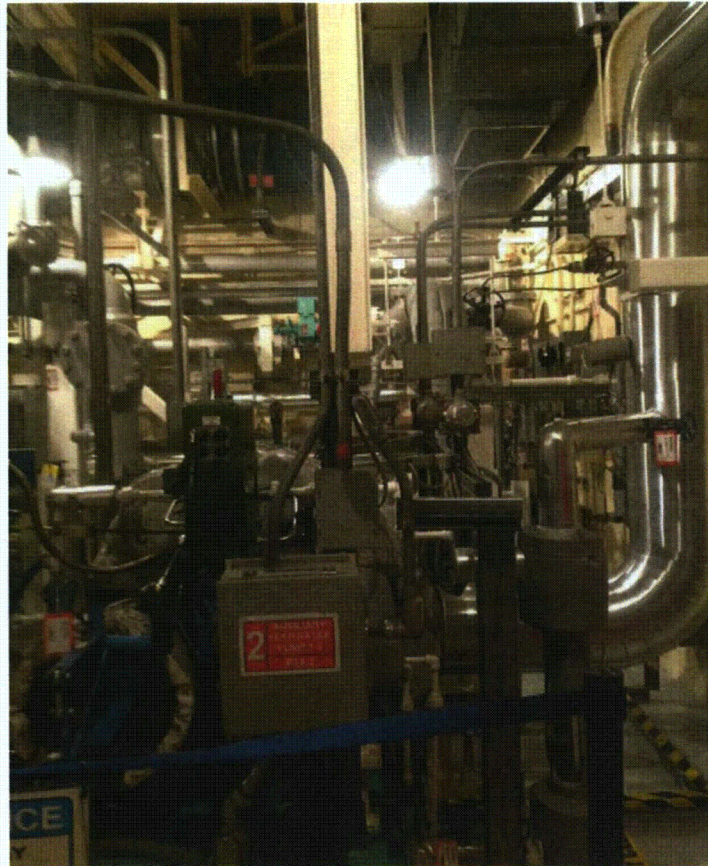
7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 238 Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 238

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room PT Floor El. 565 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

1) T10

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room PT Floor El. 565 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Construction debris in area. Not likely to cause adverse interaction.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

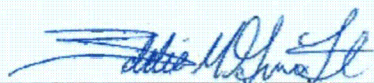
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *Hydrogen Piping to Make Up Tank*
No concerns identified regarding fire sources. The potential ignition sources in the area are Hydrogen Piping to Make Up Tank

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are Borated water storage tank T10, Piping: Borated water, Decay Heat, High Pressuer Injection*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room PT Floor El. 565 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

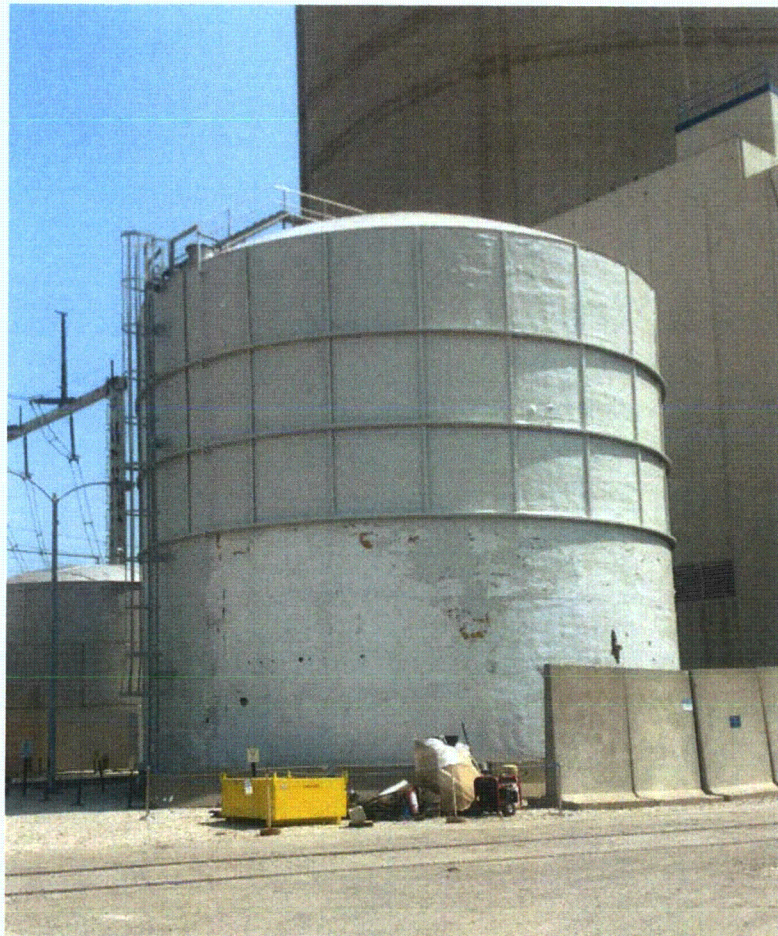


Photo 1
General View of PT

Status: Y N U

Area Walk-By Checklist (AWC)

Room 303 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

Small gap (~1/4") between grout and anchor plate. Judged to be acceptable, see Photo 2.

CS16, a checkvalve, has several nuts with what appears to be less than adequate thread engagement in that the threads do not extend beyond the nut, they are flush. Concluded that is acceptable per procedure DB-MM-09266.

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

1) AF608

2) CS1530

Status: Y N U

Area Walk-By Checklist (AWC)

Room 303 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)


Hydrogen line in the area is well supported.

Fire Sources: NO

No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are Moisture Accumulation tank T216, Piping: Aux. feedwater, Containment Spray, Fire Protection, Feedwater

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 303 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 303



Photo 2
Gap Between Grout and Anchor Plate

Status: Y N U

Area Walk-By Checklist (AWC)

Room 304 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

- 1) E11B
- 2) YE2B
- 3) BW21
- 4) SF11

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 304 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

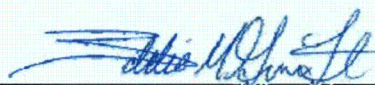
Degraded insulation observed on domestic water line. Judged not to be a concern.

Comments (Additional pages may be added as necessary)

Fire Sources: *Transformer above L3701, Transformer above L4801*
No concerns identified regarding fire sources. The potential ignition sources in the area are Transformer above L3701, Transformer above L4801

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are Abandoned tank E72, Piping: Aux. Feedwater, Aux. Steam, Borated Water, Domestic water, Duratek, Demin water, fire protection, main feedwater, makeup, primary water, SPF pool cooling.*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 304 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 304

Status: Y N U

Area Walk-By Checklist (AWC)

Room 312 Floor El. 590'6" Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

Two anchor bolts missing from electrical conduit support near R3701 rack, see Photo 2. An additional inspection was performed and it was noted that the base support is welded to the angle in the floor for the floor plug. Therefore, this finding is judged not to present a significant seismic concern.

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

Minor corrosion noted in anchorage supporting sensor panel, see Photo 3. Deemed not a significant degraded condition.

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Masonry wall in area, see Photo 1. Check seismic adequacy. Walls identified as 3227, 3247, 3257, 3267, 3277, 3297, 3357, 3367, 3417, 3427. Wall 3427 is exempt. All other walls have been seismically analyzed.

Related equipment on SWEL for this area:

- 1) FIS 1612
- 2) SF47
- 3) DH101

Status: Y N U

Area Walk-By Checklist (AWC)

Room 312 Floor El. 590'6" Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

*Cart with gas cannisters loosely restrained to wall, see Photo 4.
Judged not a concern since straps and chains will keep
cannisters in place thus no direct contact with nearby equipment is expected.*

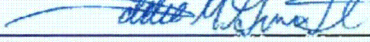
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

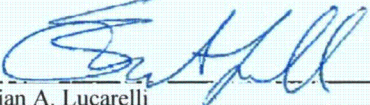
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *NO
No fire sources identified in area.*

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are HX E23-1, E23-2, Pumps P247, P248, P249 & P250, Piping: Component cooling, Decay heat, domestic water, demin water, spent fuel*

Evaluated by:  Date: 7/25/2012
Eddie M. Guerra

 Date: 7/25/2012
Brian A. Lucarelli

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 312 Floor El. 590'6" Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 312
Showing Masonry Walls

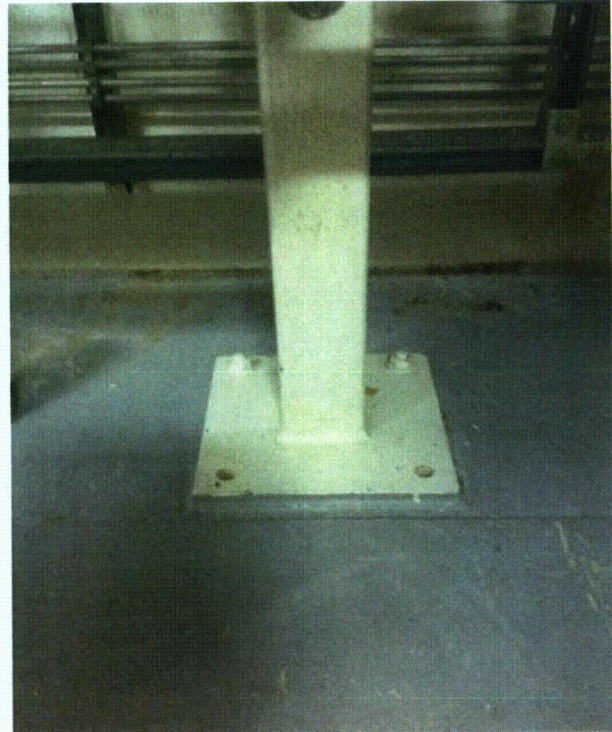


Photo 2
Missing Anchor Bolts

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Supporting Photos (continued):



Photo 3
Minor Corrosion on
Anchor Plate

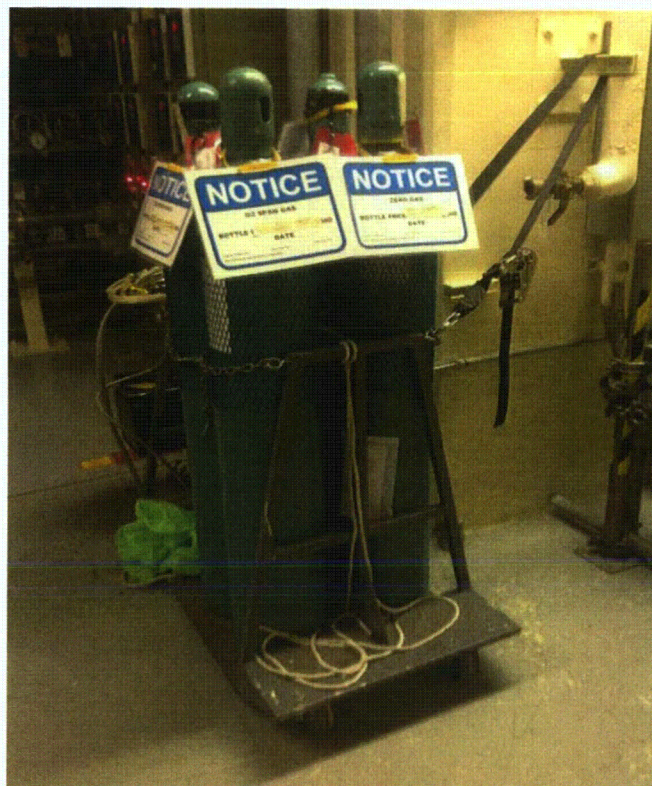


Photo 4
Cart Containing Gas Canisters
Loosely Restrained

Status: Y **(N)** U

Area Walk-By Checklist (AWC)

Room 314 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
	X		

Nut missing on conduit, see Photo 1.

Condition report issued : CR-2012-10920

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

1) RC3701

Status: Y (N) U

Area Walk-By Checklist (AWC)

Room 314 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Hydrogen line in this area is well supported.

Fire Sources: NO

No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are Piping: Aux feedwater, Aux. steam, Component Cooling, Core Flood, Containment Spray, Decay Heat Removal, Fire Protection, High

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: Y (N) U

Area Walk-By Checklist (AWC)

Room 314 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

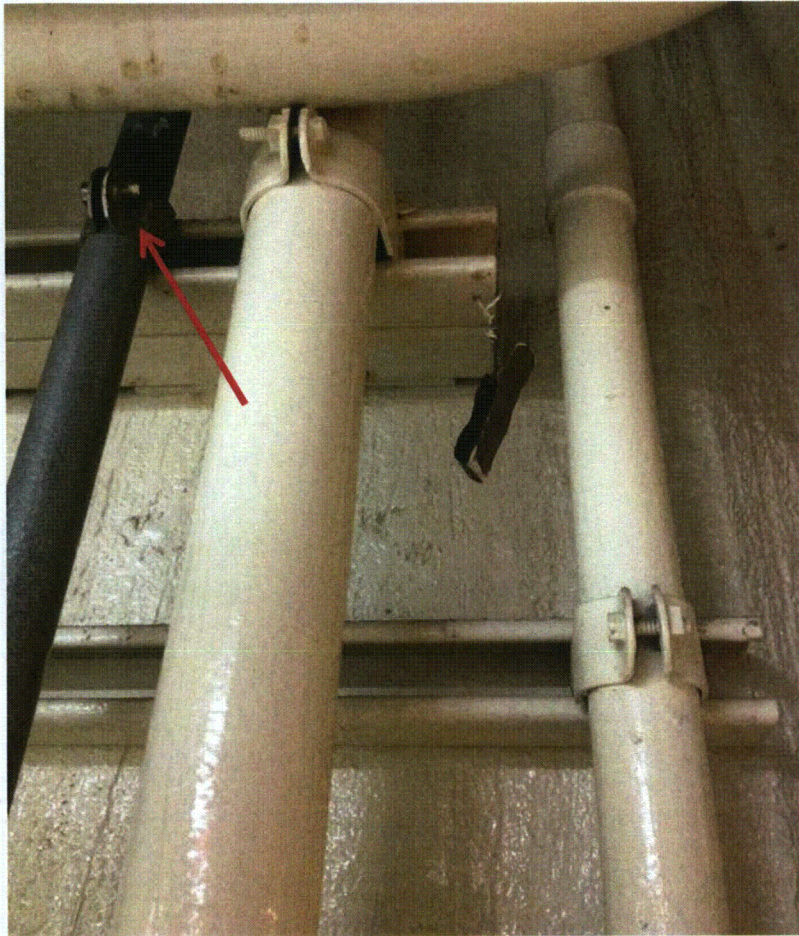


Photo 1
Nut Missing on Conduit

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 318 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

- | | Y | N | U | N/A |
|--|---|---|---|-----|
| 1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | X | | | |
| 2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? | X | | | |
| 3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? | X | | | |
| 4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | X | | | |

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Masonry walls identified as 308D, 309D, 310D, 311D, and 338D.

All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW12-B001-068, Rev 3,

VBW13-B001-069, Rev 3, VBW13-B001-070, Rev 3, VBW13-B001-071, Rev 8 and VBW19-B001-093, Rev 5).

Related equipment on SWEL for this area:

- 1) F108-1
- 2) E12B
- 3) C11-1
- 4) K5-1
- 5) TE-5329
- 6) C3615
- 7) DA-3783

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 318 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

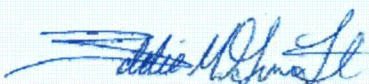
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are EDG Jacket Cooler E10-1, DG Oil Cooler E94-1, DG Jacket Water T121-1, Piping: Component Cooling, Domestic water, Diesel Fuel Oil, Demin Water, Fire Protection

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 318 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

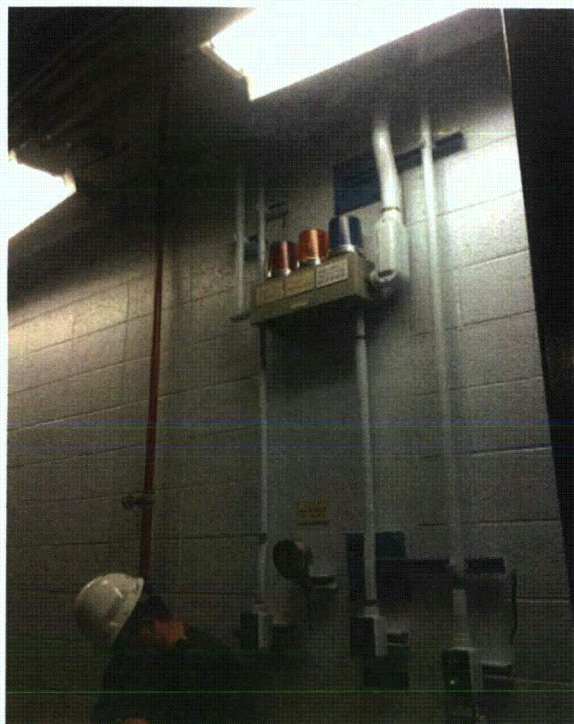


Photo 1
Masonry Wall

Status: Y N U

Area Walk-By Checklist (AWC)

Room 319 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Block walls 304D and 307D identified in room.

All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW12-B001-064, Rev 8, and VBW12-B001-067, Rev 7).

Related equipment on SWEL for this area:

- 1) YF1
- 2) K5-2
- 3) C25-3

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 319 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?


Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are EDG Jacket Cooler E10-2, DG Lube oil HX E94-2, DG Jacket water T121-2, Piping: Component cooling, Domestic water, Diesel Fuel oil, demin water, fire protection

Evaluated by:


Eddie M. Guerra

Date: 7/25/2012


Brian A. Lucarelli

Date: 7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 319 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 319

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 321A Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

- | | Y | N | U | N/A |
|--|---|---|---|-----|
| 1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | X | | | |
| 2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? | X | | | |
| 3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? | X | | | |
| 4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | X | | | |

Masonry wall, see Photo 1.

Walls identified as 305D and 306D. Both have been seismically analyzed.

All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW12-B001-065, Rev 5, and VBW12-B001-066, Rev 6).

Related equipment on SWEL for this area:

1) LT-2787

2) T46-1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 321A Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

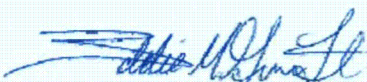
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *EMERGENCY DIESEL GENERATOR DAY TANK 1-1*
No concerns identified regarding fire sources. The potential ignition sources in the area are EMERGENCY DIESEL GENERATOR DAY TANK 1-1

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are EDG Day Tank 146-1, Piping: Diesel Fuel Oil, Fire Protection*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 321A Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

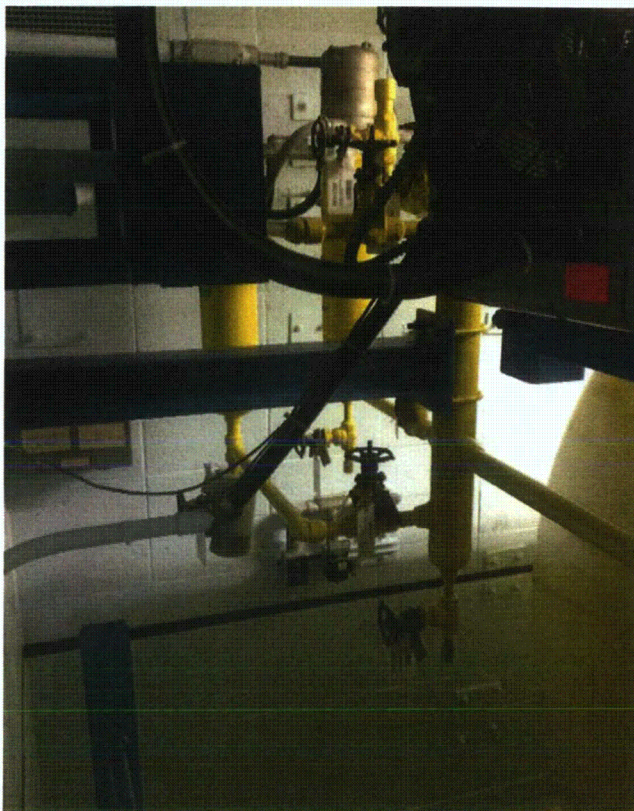


Photo 1
Masonry Wall

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 323 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Related equipment on SWEL for this area:

1) D1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 323 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Supply cabinet left open, see Photo 2.

However this cabinet is anchored and judged not to cause any interaction with nearby equipment.

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: NO
No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date: 7/25/2012


Brian A. Lucarelli

Date: 7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 323 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 323



Photo 2
Supply Cabinet Left Open

Status: **Y** N U

Area Walk-By Checklist (AWC)

Room 325 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

- | | Y | N | U | N/A |
|--|---|---|---|-----|
| 1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | X | | | |
| 2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? | X | | | |
| 3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? | X | | | |
| 4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | X | | | |

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Flourescent lights overserved above sensitive equipment.

Flourescent lights jusdged as OK based on testing of lights performed for IPEEE.

Related equipment on SWEL for this area:

1) C3645

2) C1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 325 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *Screens per FAQ 07-0031; 30 kVA*

No concerns identified regarding fire sources. The potential ignition sources in the area are Screens per FAQ 07-0031; 30 kVA

Flooding Sources: *NO*

No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 325 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 325

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 328 Floor El. 585 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Need to verify anchorage of E 22-1 (welded?)

Anchorage confirmed to be consistent with design documentation.

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Masonry wall adjacent to E22-1, see Photo 1.

Walls identified as 3307, 3347, 3397, and 3407. All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW17-B001-088, Rev 6, VBW18-B001-090, Rev 3 VBW19-B001-094, Rev 5 and VBW19-B001-095, Rev 10).

Related equipment on SWEL for this area:

- 1) E22-1
- 2) E22-2
- 3) P43-2

Y	N	U	N/A
X			

Y	N	U	N/A
X			

Y	N	U	N/A
X			

Y	N	U	N/A
X			

Status: Y N U

Area Walk-By Checklist (AWC)

Room 328 Floor El. 585 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

Scaffolding and stepladders in area appear to be properly restrained

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

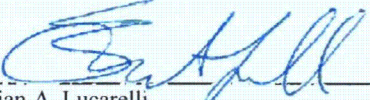
Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: No concerns identified regarding flood sources. The potential flood sources in the area are CCW HX E22-1, E22-2, E23-3, Chem pot feeder T13, Piping: Fire Protection, Component Cooling, Demin water, service water.

Evaluated by:  Date: 7/25/2012
Eddie M. Guerra

 Date: 7/25/2012
Brian A. Lucarelli

Status ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 328 Floor El. 585 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 328
Masonry Wall Adjacent to Heat Exchange E22-1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 427 Floor El. 603 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Related equipment on SWEL for this area:

1) F11A

Status: Y N U

Area Walk-By Checklist (AWC)

Room 427 Floor El. 603 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

*Ladder is stored adjacent to MCC and is tied loosely, see Photo 2.
Recommended to be tighten but judged not a significant adverse condition.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?


Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: *Transformer Feed to DP4502, 480V Transformer for MCC YF2
No concerns identified regarding fire sources. The potential ignition sources in the area are Transformer Feed to DP4502, 480V Transformer for MCC YF2*

Flooding Sources: *No concerns identified regarding flood sources. The potential flood sources in the area are Piping: Main Steam, Fire Protection*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 427 Floor El. 603 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



Photo 1
General View of Room 427



Photo 2
Ladder Loosely Tied Adjacent to MCC F11A

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428 Floor El. 603 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Fire extinguisher is mounted on the wall and is not laterally supported. It is judged that since the vertical acceleration at this location is less than 1g, it is unlikely for the extinguisher to fall or cause significant interaction with nearby equipment.

Masonry walls adjacent to components, see Photo 2.

Block walls identified as walls 4016, 4026, 4036, 4046, 4786, 4796, 4886, 4896, and 4906.

All walls have been seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW20-B001-100, Rev 14, VBW21-B001-102, Rev 13, VBW25-B001-125, Rev 9, VBW25-B001-126, Rev 6, VBW27-B001-135, Rev 19, VBW27-B001-136, Rev 3 and VBW28-B001-137, Rev 3.

Related equipment on SWEL for this area:

- | | | |
|-----------|------------|---------|
| 1) C4606 | 9) DBC2P | 17) DC1 |
| 2) F12A | 10) F1 | 18) Y1 |
| 3) FD1062 | 11) D233 | |
| 4) D2_ED | 12) XDF1-2 | |
| 5) D2P | 13) C4605 | |
| 6) Y2 | 14) D233 | |
| 7) YV2 | 15) DBC1PN | |
| 8) YV4 | 16) DBC2PN | |

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428 Floor El. 603 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

*Electrical cart and tools unrestrained in room. See Photo 3.
These equipment were found to be temporary as the equipment were being serviced.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

*Door to cabinet DCB-2P observed open. See Photo 4.
Judged okay as the equipment was being serviced.*


Comments (Additional pages may be added as necessary)

Fire Sources: No concerns identified regarding fire sources. The potential ignition sources in the area are Power Transformer for Substation F2 & F1, Transformer for H3602 and H4602, Lighting Station Transformer, Constant Voltage Transformer XY2, Static Voltage Regulator

Flooding Sources: NO

No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date: 7/25/2012


Brian A. Lucarelli

Date: 7/25/2012

No concerns identified regarding fire sources. The potential ignition sources in the area are Power Transformer for

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 428 Floor El. 603 Bldg. AUXB

Other supporting or relevant documents and photos (if any):

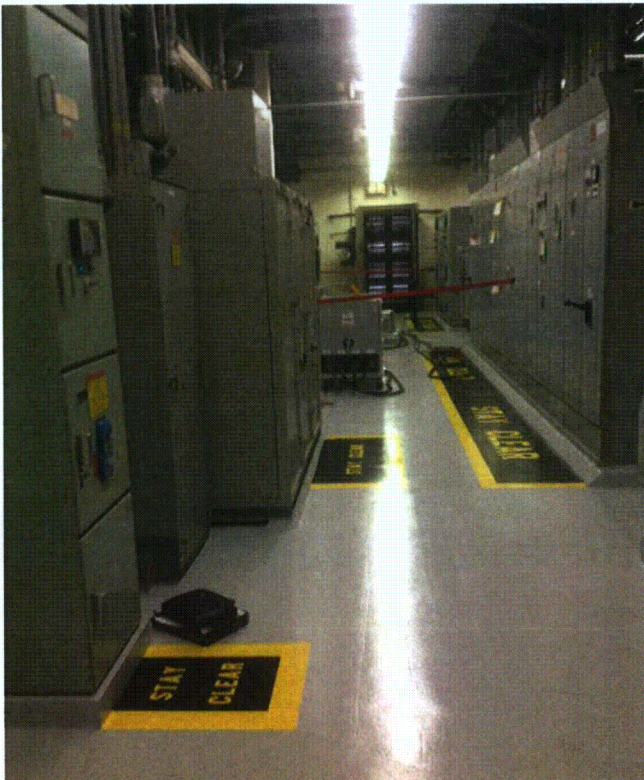


Photo 1
General View of Room 428

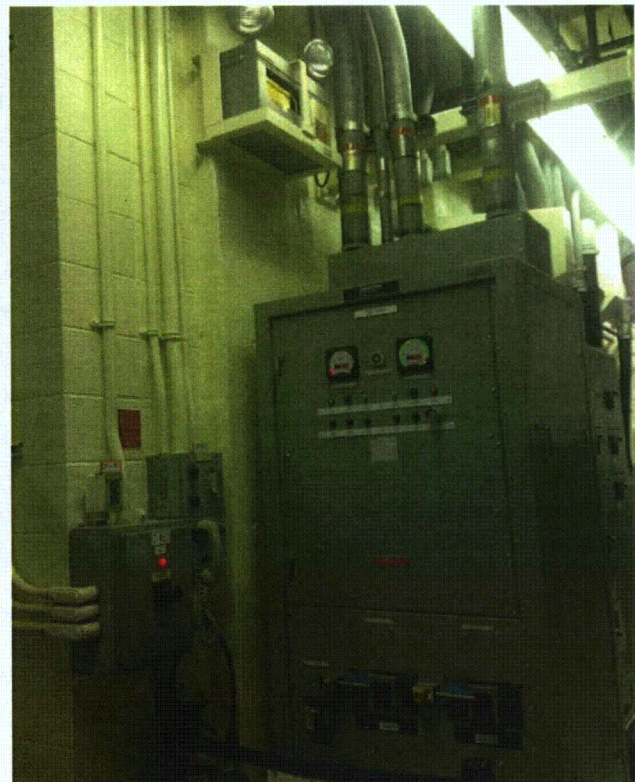


Photo 2
Masonry Wall Adjacent to Components

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428 Floor El. 603 Bldg. AUXB

Supporting Photos (continued):



Photo 3
Unrestrained Work Cart



Photo 4
Cabinet DCB-2P Door Left Open

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428A Floor El. 603 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

- | | Y | N | U | N/A |
|--|---|---|---|-----|
| 1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | X | | | |
| 2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? | X | | | |
| 3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? | X | | | |
| 4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | X | | | |

Masonry wall adjacent to battery rack.

Walls identified as 4016 and 4026, both seismically analyzed per NRC IE

Bulletin 80-11 (Ref. VBW20-B001-100, Rev 14).

Related equipment on SWEL for this area:

- 1) 2P
- 2) 2N
- 3) C78-2

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428A Floor El. 603 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

*Wooden scaffolding was found near battery rack which could represent a potential adverse condition.
Control process confirmed scaffold is temporary and complies with work period.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

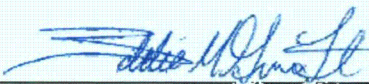
Y	N	U
X		

Comments (Additional pages may be added as necessary)

*Fire Sources: NO
No fire sources identified in area.*

*Flooding Sources: NO
No flood sources identified in area.*

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 428A Floor El. 603 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 428A

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428B Floor El. 603 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Walls in the area identified as 4016 and 4026, both seismically analyzed per NRC IE Bulletin 80-11 (Ref. VBW20-B001-100, Rev 14).

Related equipment on SWEL for this area:

1) D2N

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 428B Floor El. 603 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

Fire Sources: NO
No fire sources identified in area.

Flooding Sources: NO
No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

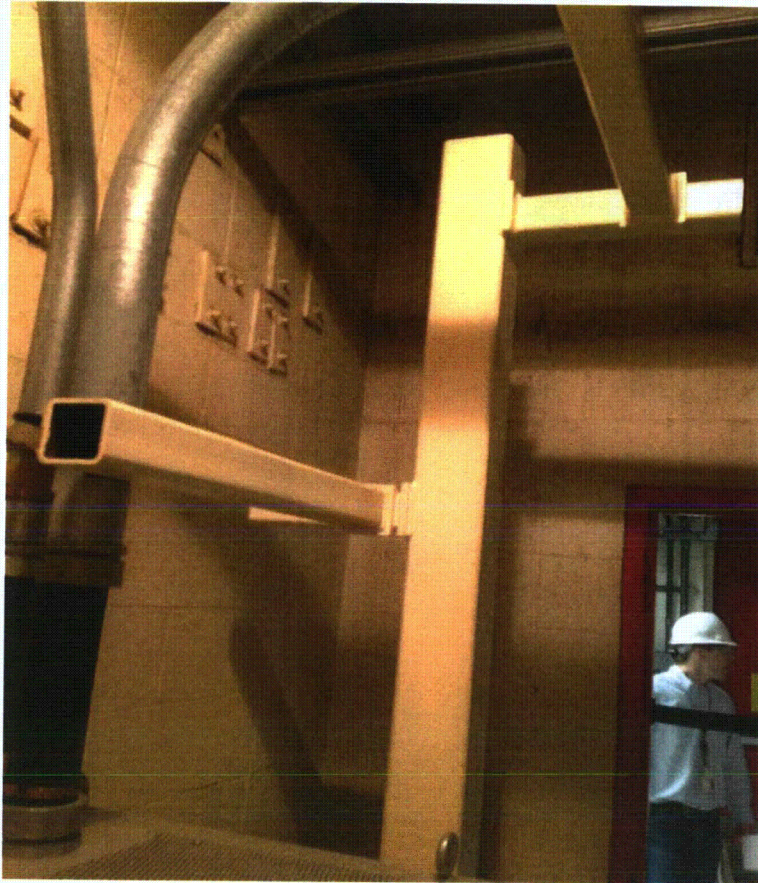
7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 428B Floor El. 603 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 428B

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 429 Floor El. 603 Bldg. AUXB

Instructions for Completing Checklist

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?

Y	N	U	N/A
X			

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Y	N	U	N/A
X			

3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?

Y	N	U	N/A
X			

4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

Y	N	U	N/A
X			

Related equipment on SWEL for this area:

- 1) Y105
- 2) D1_ED
- 3) YRF1
- 4) E1
- 5) XCE1-1

Status: (Y) N U

Area Walk-By Checklist (AWC)

Room 429 Floor El. 603 Bldg. AUXB

Interaction Effects

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Y	N	U	N/A
X			

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Y	N	U	N/A
X			

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Y	N	U	N/A
X			

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Y	N	U
X		

Comments (Additional pages may be added as necessary)

*Fire Sources: Power Transformer For Substation E2 & E1, Constant Voltage Transformer, Static Voltage Regulator
No concerns identified regarding fire sources. The potential ignition sources in the area are Power Transformer For Substation E2 & E1, Constant Voltage Transformer, Static Voltage Regulator*

Flooding Sources: NO

No flood sources identified in area.

Evaluated by:


Eddie M. Guerra

Date:

7/25/2012


Brian A. Lucarelli

Date:

7/25/2012

Status: ☒ Y ☐ N ☐ U

Area Walk-By Checklist (AWC)

Room 429 Floor El. 603 Bldg. AUXB

Other supporting or relevant documents and photos (if any):



General View of Room 429