



ZACHRY NUCLEAR, INC.

ENGINEERING EVALUATION 12-E18

COOPER NUCLEAR STATION SEISMIC WALKDOWN REPORT FOR
RESOLUTION OF FUKUSHIMA NEAR-TERM TASK FORCE
RECOMMENDATION 2.3: SEISMIC

ZNI Document Type: QAPD

Attachment D

Area Walk-By Checklists (AWCs)

Notes:

1. The designations WB-008, WB-016, WB-022 and WB-024 were not used. Therefore there are no AWCs for these items.
2. On the following pages, no pictures were provided and the picture blocks were intentionally left blank: 4, 10, 16, 22, 28, 37, 40, 46, 52, 55, 58, 64, 67, 70, 73, 79, 82, 85, 88, 94, 97, 100, 103, 106, 109, 112, 115, 118, 127, 130, 133, 139, 142, 145, 148, 151, 154, 157, 160, 163, 169, 172, 175, 178, and 181.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. DG1 Floor El. 903-6 Room, Area¹ Diesel Generator (AWC# WB-001)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. DG1 Floor El. 903-6 Room, Area: Diesel Generator (AWC# WB-001)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson Justin Jackson Date: 11/08/12

James McKinney James McKinney 11/8/12

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. DG1 Floor El. 903-6 Room, Area¹ Diesel Generator (AWC# WB-001)

Photographs

Note:

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Area Walk-By Checklist (AWC)

Status: Y ☐ N ☒ U ☐Location: Bldg. /S Floor El. 903' Room, Area¹ SWP (AWC# WB-002)

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 ☐
Strainer instrument racks(s) have moderate to severe corrosion. The anchorage bolt heads are rounded off due to corrosion and paint.
(CR-CNS-2012-06208)
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☐ N ☒ U ☐ N/A ☐
There is a single leg instrument rack for SW-PI-383B that is touching a large pipe. This is an adverse spatial interaction because movement of the large pipe could cause rack damage.
(CR-CNS-2012-06238)
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 ☐
Conduit associated with LRP-PNL-S191, SW Pumps A & C Strainer S191 control panel has a support directly above the panel. The support at the conduit is compromised of a horizontal unistrut which is connected back to a strut multiframe system. The conduit appears to have an excessive cantilever length and no bracket attaching it to the wall. SWEs were unable to verify from drawings that this configuration required a bracket securing it to the north wall to support the long strut span.
(CR-CNS-2012-06232)
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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. IS Floor El. 903' Room, Area¹ SWP (AWC# WB-002)

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 ☐

There is water pooled on the floor next to SW-P-C and the back north-west (NW) corner.

CR-CNS-2012-06211

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 ☐

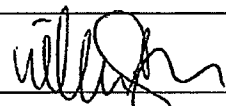
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

Comments (Additional pages may be added as necessary)

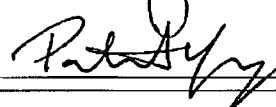
CR-CNS-2012-06208
CR-CNS-2012-06238
CR-CNS-2012-06232
CR-CNS-2012-06211

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. IS Floor El. 903' Room, Area¹ SWP (AWC# WB-002)

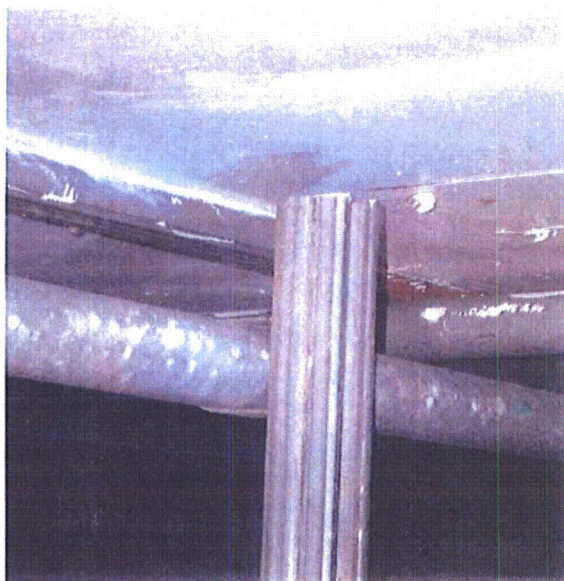
Photographs



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Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area¹ SW-Torus (AWC# WB-003)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area¹ SW-Torus (AWC# WB-003)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin JacksonDate: 10/26/12James McKinney10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 881 Room, Area: SW-Torus (AWC# WB-003)

Photographs

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Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area¹ SE-QUAD (AWC# WB-004)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐
Light in overhead is in contact with tubing. Tubing is associated with PC-238 (CR-CNS-2012-06128).

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. Rx Floor El. 881 Room, Area: SE-QUAD (AWC# WB-004)

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 ☐

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 ☐

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 ☐

Power cord wrapped around conduit support found to be acceptable, although poor housekeeping.

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06128

Evaluated by: William Price

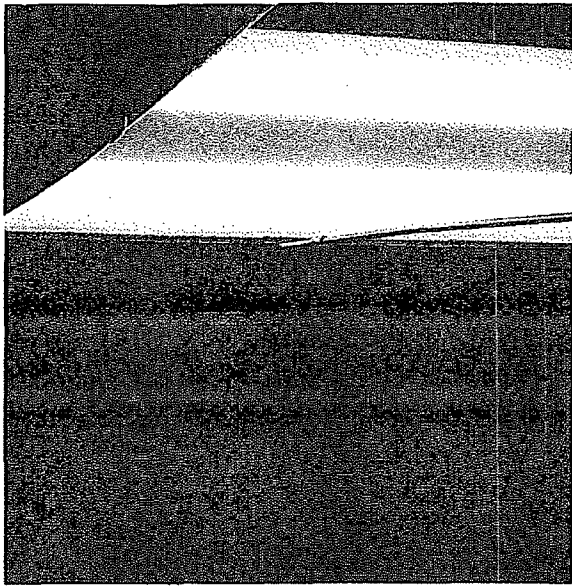
Date: 10/16/12

Patrick Yearley

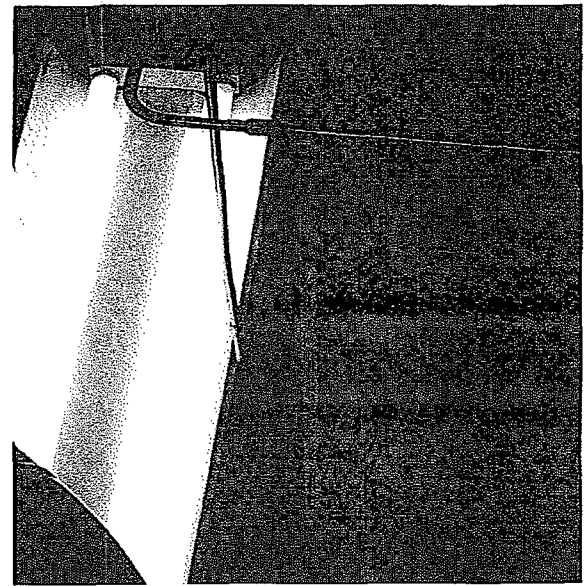
10/16/12

Location: Bldg. Rx Floor El. 881 Room, Area¹ SE-QUAD (AWC# WB-004)

Photographs



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Location: Bldg. Rx Floor El. 880 Room, Area¹ Above NW-Torus (AWC# WB-005)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 880 Room, Area¹ Above NW-Torus (AWC# WB-005)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date: 10/19/12

Justin Jackson

Justin Jackson

10/26/12

Location: Bldg. Rx Floor El. 880 Room, Area¹ Above NW-Torus (AWC# WB-005)

Photographs

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Location: Bldg. Rx Floor El. 881 Room, Area¹ NE-Torus (AWC# WB-006)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
Tubing is close to piping (CR-CNS-2012-09273)

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area: NE-Torus (AWC# WB-006)

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 ☐

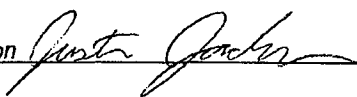
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-09273

Evaluated by: Justin Jackson  Date: 11/15/12

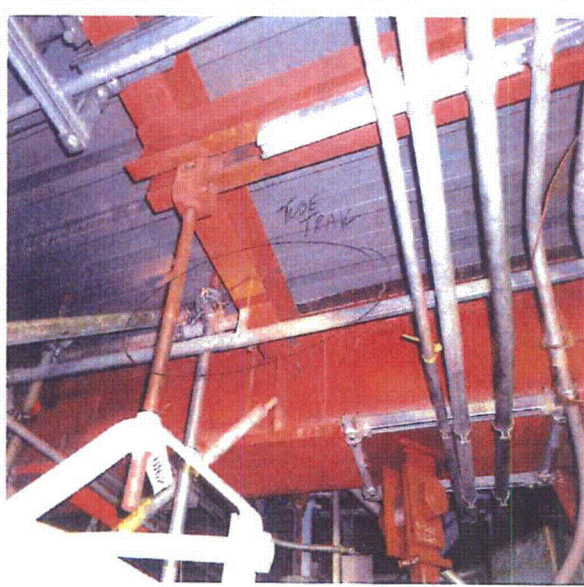
James McKinney 

11/16/12

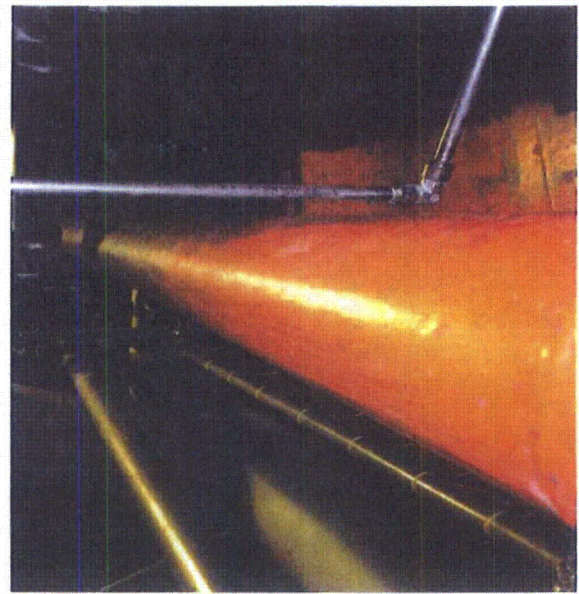
Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area¹ NE-Torus (AWC# WB-006)

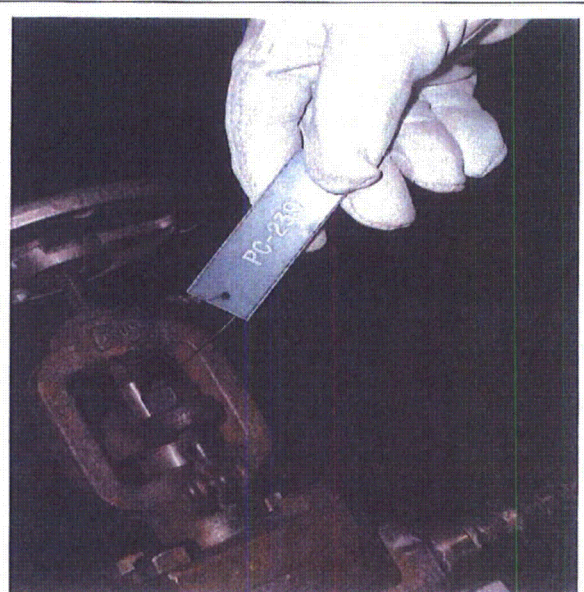
Photographs



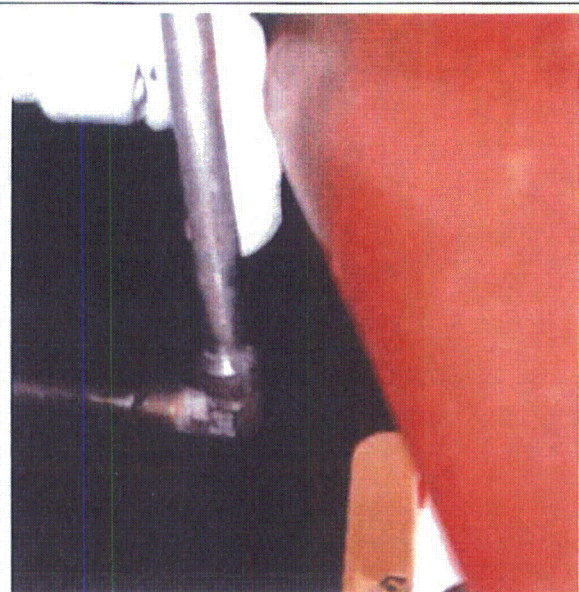
Note:



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Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-007)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-007)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Same as WB-026

Evaluated by: Justin Jackson *Justin Jackson* Date: 10/26/12

James McKinney

James McKinney

10/19/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-007)

Photographs

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Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 859 Room, Area¹ SE-QUAD (AWC# WB-009)

Instructions for Completing Checklist

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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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐
Overhead light, chain hung, anchorage to ceiling appears to be insert. The light is free to sway, only the bulbs may fall. Seismic Walkdown Engineers (SWEs) judgement is these issues will not cause damage to the starter.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ SE-QUAD (AWC# WB-009)

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 ☐

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 ☐

Folder (with papers) was found on top of EE-DSC-125ASD, possible combustable material (CR-CNS-2012-06126).

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 ☐

Wrench on valve CS15

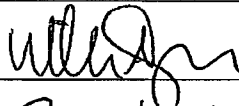
Ladder and scaffolding storage under stairs could impact the side of EE-DS-125ASD (CR-CNS-2012-06126).

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 ☐

Comments (Additional pages may be added as necessary)

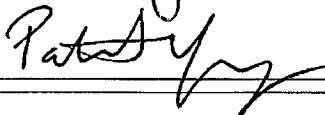
CR-CNS-2012-06126

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. Rx Floor El. 859 Room, Area¹ SE-QUAD (AWC# WB-009)

Photographs



Note:



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Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ Steam Tunnel (AWC# WB-010)

Instructions for Completing Checklist

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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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ Steam Tunnel (AWC# WB-010)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10-19-12

James McKinney

James McKinney

10/19/12

Engineering Evaluation 12-E18

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ Steam Tunnel (AWC# WB-010)

Photographs

Note:

Note:

Note:

Note:

Location: Bldg. Rx Floor El. 859 Room, Area¹ SW-QUAD (AWC# WB-011)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

Standard lighting, no issue.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ SW-QUAD (AWC# WB-011)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Fire protection was contacted and stated that these are not fire barriers.

Evaluated by: James McKinney

James McKinney
Justin Jackson

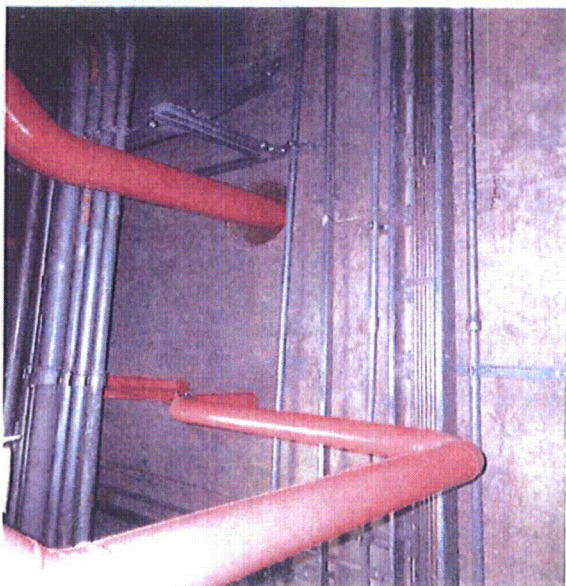
Date: 10/16/12

Justin Jackson

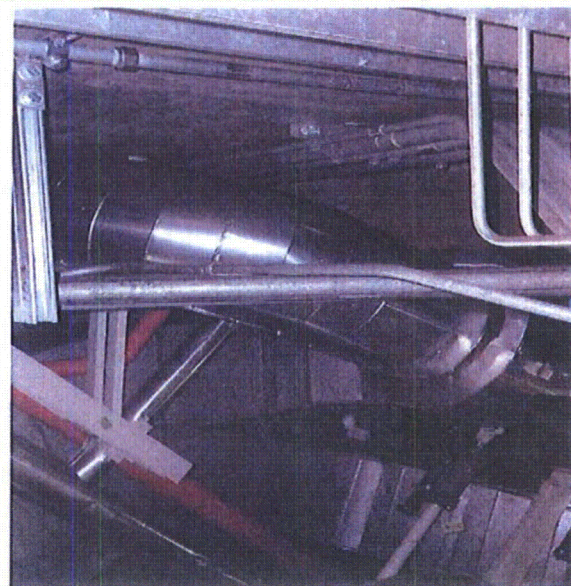
11/15/12

Location: Bldg. Rx Floor El. 859 Room, Area¹ SW-QUAD (AWC# WB-011)

Photographs



Note:



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Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐Location: Bldg. Rx Floor El. 903 Room, Area¹ Over DW Hatch (AWC# WB-012)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
Division II C93 cable tray- looks full-cables hanging out sides. SWEs determine no issue present.

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. Rx Floor El. 903 Room, Area¹ Over DW Hatch (AWC# WB-012)

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 ☐

FP line with threaded connections looks properly supported.

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 ☐

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 ☐

Nitrogen tanks (chained off)

Small ladder (chained off)

scaffold is okay

-
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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date:

10/16/12

Justin Jackson

Justin Jackson

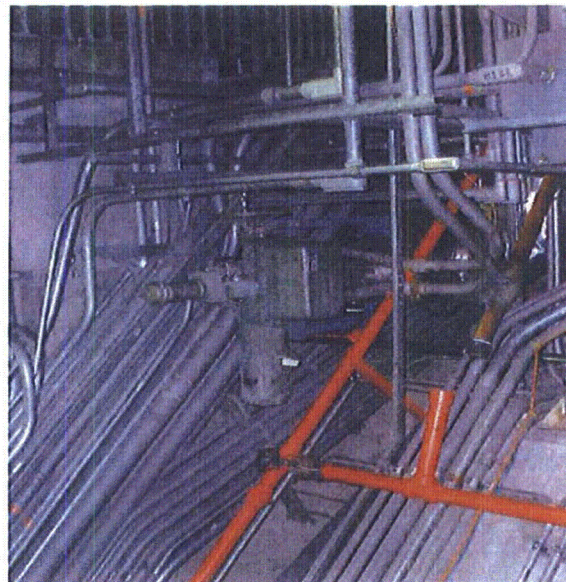
10/26/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ Over DW Hatch (AWC# WB-012)

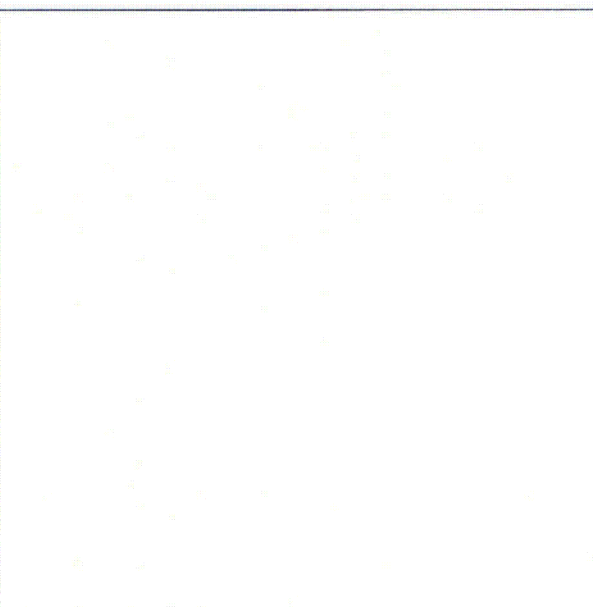
Photographs



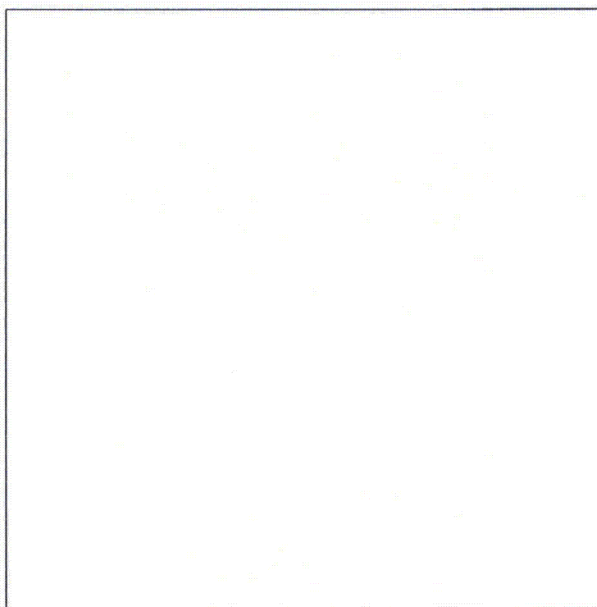
Note:



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Location: Bldg. Rx Floor El. 903 Room, Area¹ TIP (AWC# WB-013)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. Rx Floor El. 903 Room, Area¹ TIP (AWC# WB-013)

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 ☐

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 ☐

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 ☐

Ladders, tools, and barrels were found against the wall unrestrained. Due to there distance from adjacent components, they cannot affect any equipment in the room.

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 ☐

TIP aluminum line (3/8"-1/2") on the "B" line appears to be missing a "C" clamp at the end of the angle iron supporting it. This leaves an unsupported span of >4 feet but <5 feet by observation. This unrestrained span is acceptable based on the Los Alamos National Laboratory. The Engineering Standards ISD 341-2 Appendix D states that a 3/8"-1/2" stainless, carbon steel, and copper lines can have a span of 5 feet.

Comments (Additional pages may be added as necessary)

Valve "B" support base has a gap of ~1/4" plate off the ground. A picture was taken to verify that the anchors were secured. Verified as okay by engineering judgment.

Evaluated by: Justin JacksonDate: 10/26/12James McKinney10/19/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ TIP (AWC# WB-013)

Photographs

Note:

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Note:

Location: Bldg. Rx Floor El. 859 Room, Area¹ NE-QUAD (AWC# WB-014)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

Lighting, no issue.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ NE-QUAD (AWC# WB-014)

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 ☐

Fire protection properly supported

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 ☐

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 ☐

Ladder adequately supported
Scaffolding and signs chained to the wall

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson *Justin Jackson* Date: 10/26/12

James McKinney

James McKinney

10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ NE-QUAD (AWC# WB-014)

Photographs

Note:

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Note:

Area Walk-By Checklist (AWC)

Status: Y ☐ N ☒ U ☐Location: Bldg. Rx Floor El. 903 Room, Area¹ Wall in CRD filter area (AWC# WB-015)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
Raceways look less than 50% fill, no issue

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ Wall in CRD filter area (AWC# WB-015)

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 ☐

Area fire protection adequately supported

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 ☐

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 ☐

Two-wheeler tied to the stairs, acceptable

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 ☐

*3" CRD blue return line abandoned in place - has long cantilever > 10'.
Needs additional guide support near free end. CR-CNS-2012-07567*

Comments (Additional pages may be added as necessary)

CR-CNS-2012-07567

Evaluated by: James McKinney

James McKinney

Date: 10/20/12

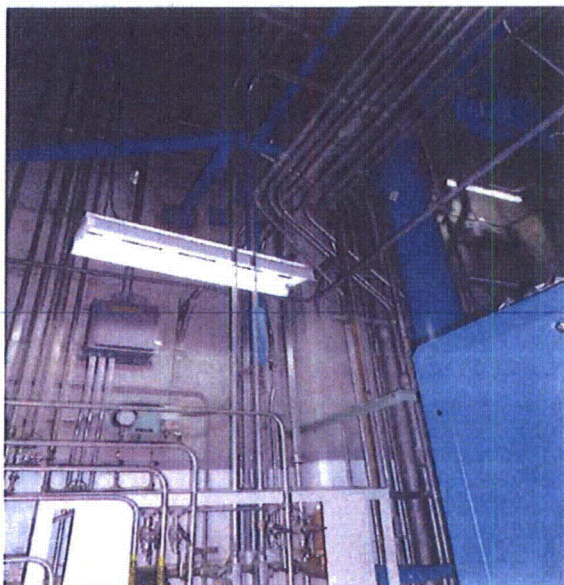
Justin Jackson

Justin Jackson

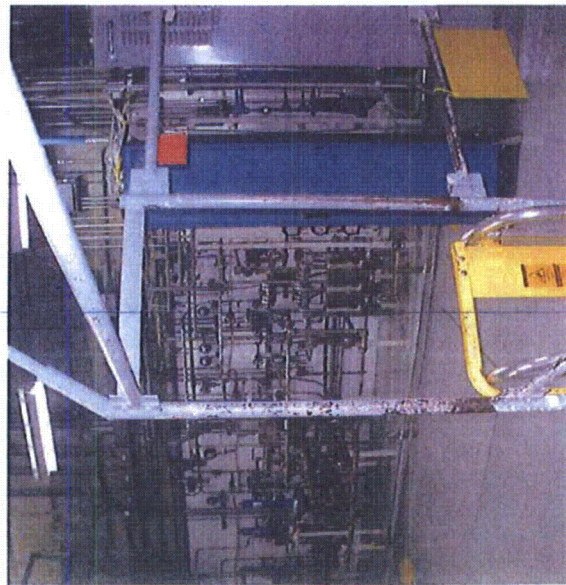
10/26/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ Wall in CRD filter area (AWC# WB-015)

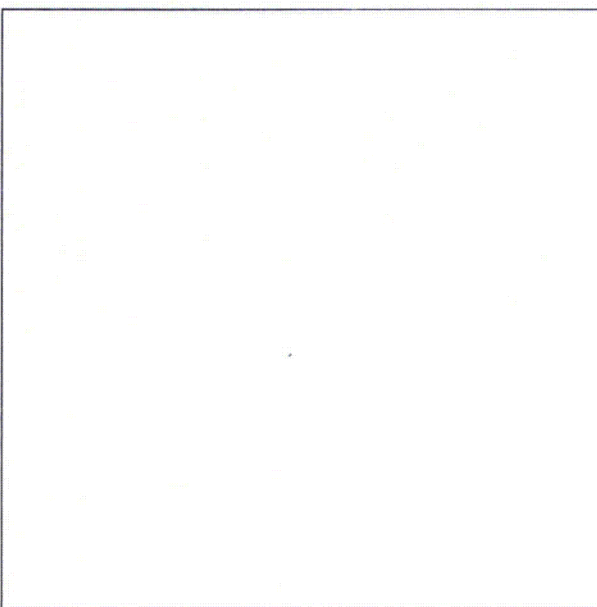
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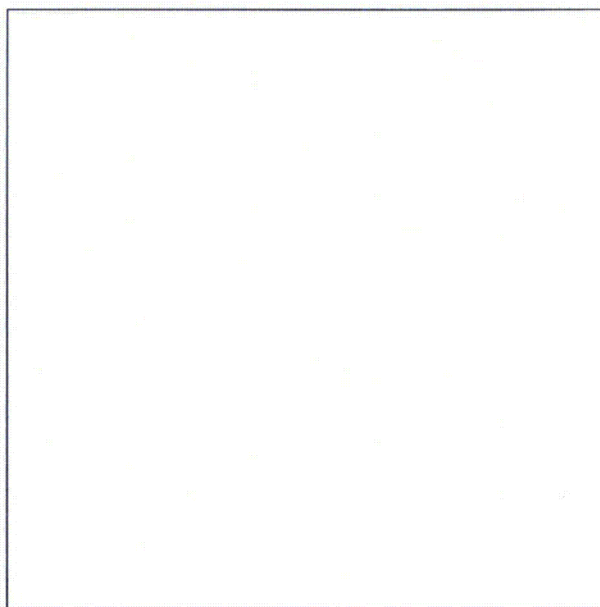
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Note:

Area Walk-By Checklist (AWC)Status: Y ☒ N ☐ U ☐Location: Bldg. Rx Floor El. 903 Room, Area¹ (WB-017)**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.

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2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ (WB-017)

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 ☐

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 ☐

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 ☐

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 ☐
Overhead lighting, acceptable.

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson *Justin Jackson* Date: 10/26/12

James McKinney *James McKinney*

10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ (WB-017)

Photographs

Note:

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Note:

Note:

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE (N of CRD Accum) (AWC# WB-018)

Instructions for Completing Checklist

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2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☐ N ☒ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE (N of CRD Accum) (AWC# WB-018)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Limited walkdown area to shelf only, did not include HCU's below.

CR-CNS-2012-06304

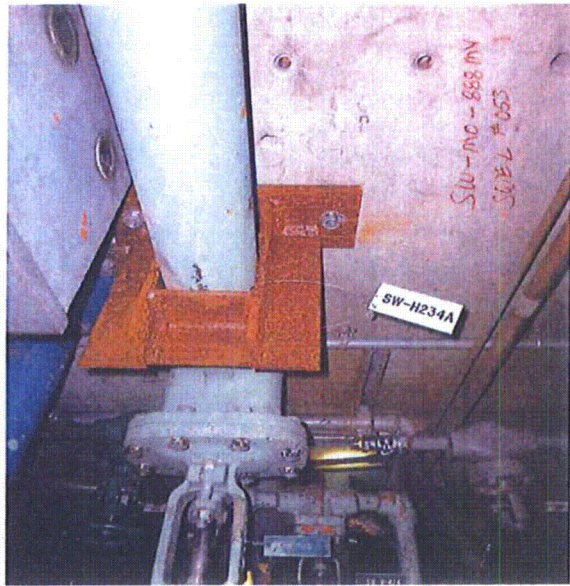
Evaluated by: Justin Jackson *Justin Jackson* Date: 11/01/12

James McKinney *James McKinney* 10/16/12

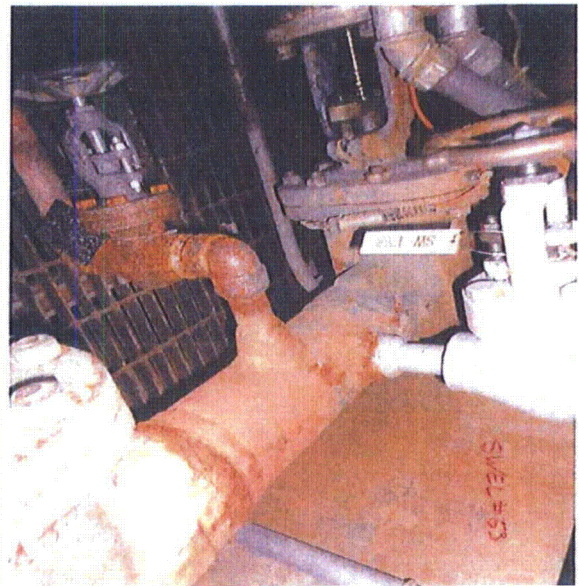
Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE (N of CRD Accum) (AWC# WB-018)

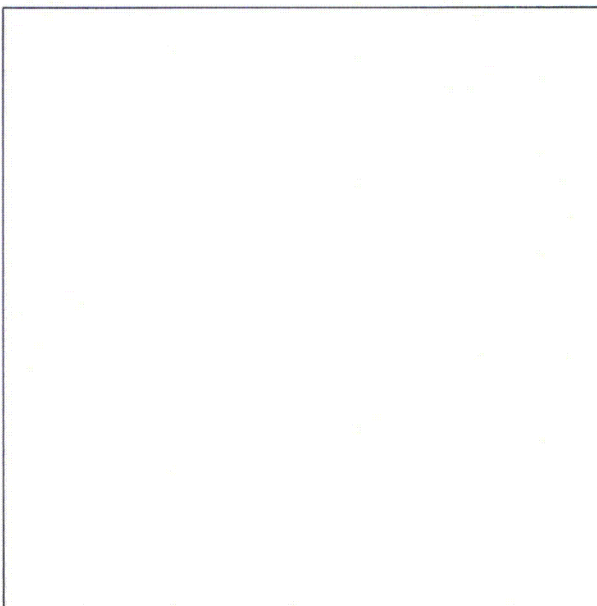
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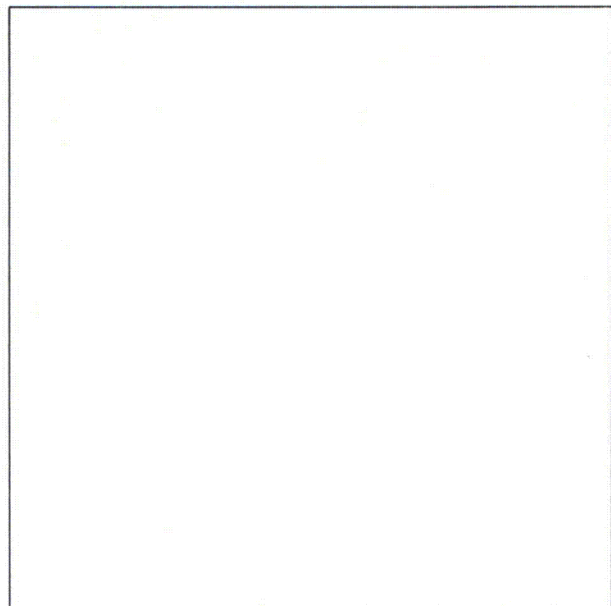
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Note:

Location: Bldg. Rx Floor El. 903 Room, Area¹ RHR Hx Rm. B (AWC# WB-019)

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.

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2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area: RHR Hx Rm. B (AWC# WB-019)

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 ☐

Scaffold on wheels

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 ☐

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 ☐

Portable scaffolding chained properly.

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date:

10/19/12

Justin Jackson

Justin Jackson

10/26/12

Engineering Evaluation 12-E18

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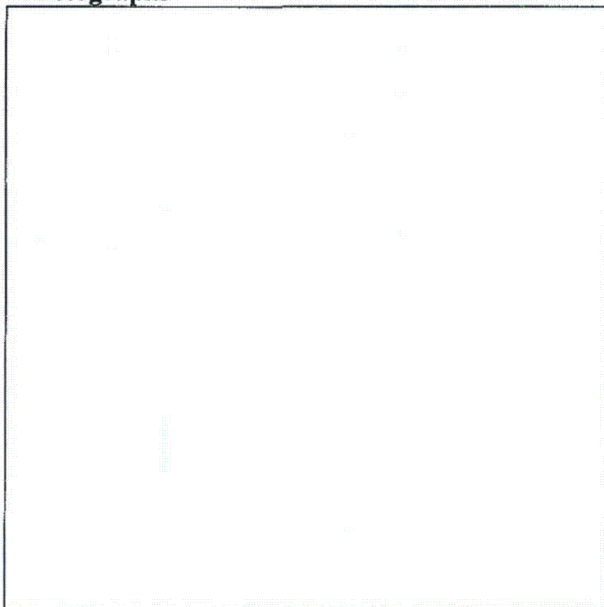
Area Walk-By Checklist (AWC)

Sheet 3 of 3

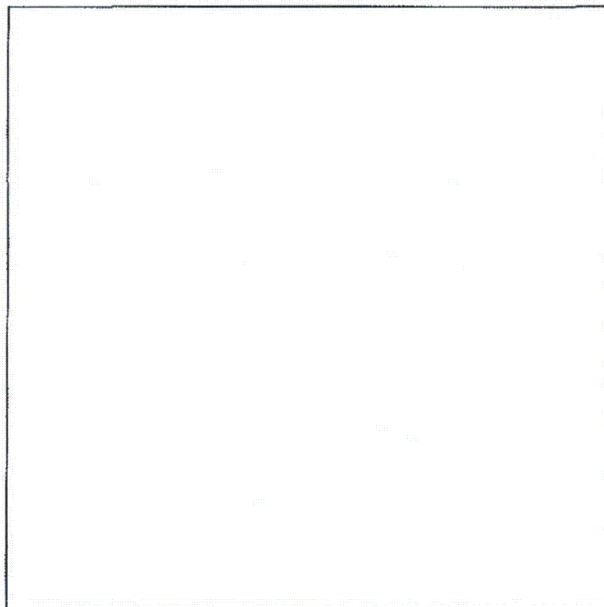
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ RHR Hx Rm. B (AWC# WB-019)

Photographs



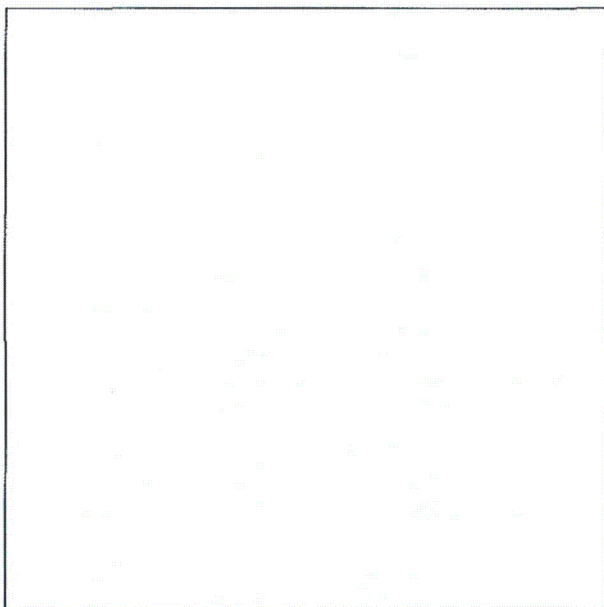
Note:



Note:



Note:



Note:

Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐Location: Bldg. Rx Floor El. 932 Room, Area¹ Switchgear Room G (AWC# WB-020)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
Overhead ducts insulated, seismic supports visible.

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 ☐
Lights with bulb on unistrut. Appendix R battery/lamps- acceptable.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 932 Room, Area¹ Switchgear Room G (AWC# WB-020)

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 ☐

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 ☐
Missing Fire Seal label on ~4" conduit in wall by concrete notch on East wall. (CR-CNS-2012-06253)

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 ☐

-
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 ☐
-

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06253

Evaluated by: Justin JacksonDate: 10/26/12James McKinney10/16/12

Location: Bldg. Rx Floor El. 932 Room, Area¹ Switchgear Room G (AWC# WB-020)

Photographs

Note:

Note:

Note:

Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 958 Room, Area¹ NW (AWC# WB-021)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 958 Room, Area¹ NW (AWC# WB-021)

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 ☐

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 ☐

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 ☐
Hose station adequately restrained to wall.

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

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Sheet 3 of 3

Status: Y ☒ N ☐ U ☐**Area Walk-By Checklist (AWC)**Location: Bldg. Rx Floor El. 958 Room, Area¹ NW (AWC# WB-021)**Photographs**

Note: N/A

Note: N/A

Note:

Note:

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ R-903-SE (AWC# WB-023)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

*Hanger below PC-170 is too close to RW piping, elbow between IA-567 and IA-F-DWA <0" from type 1 hanger rod(CR-CNS-2012-07578)
flange between PC-170 and PC-15CV <1"*

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area R-903-SE (AWC# WB-023)

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 ☐

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 ☐

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 ☐

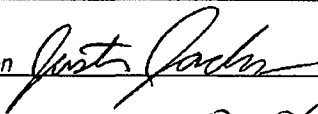
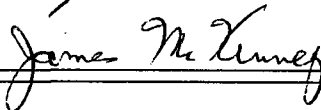
Tools on toolbox with no restraints to prevent falling on CRD's, extension cord over copper pipe, rope tied to IA line hose draped over catwalk, 2 large cable coils in overhead North of catwalk halfway down. (CR-CNS-2012-06611)

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 ☐

Comments (Additional pages may be added as necessary)

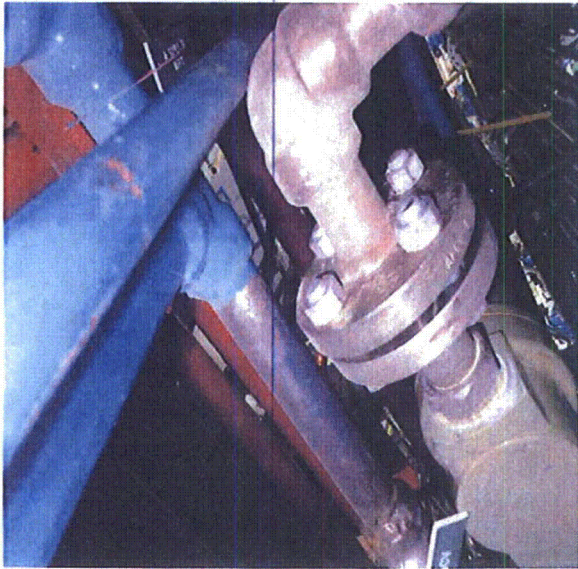
CR-CNS-2012-07578

CR-CNS-2012-06611

Evaluated by: Justin JacksonDate: 11/15/12James McKinney11/16/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ R-903-SE (AWC# WB-023)

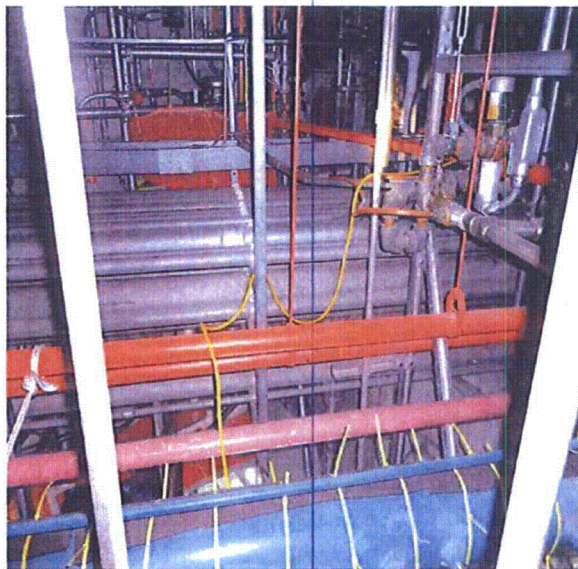
Photographs



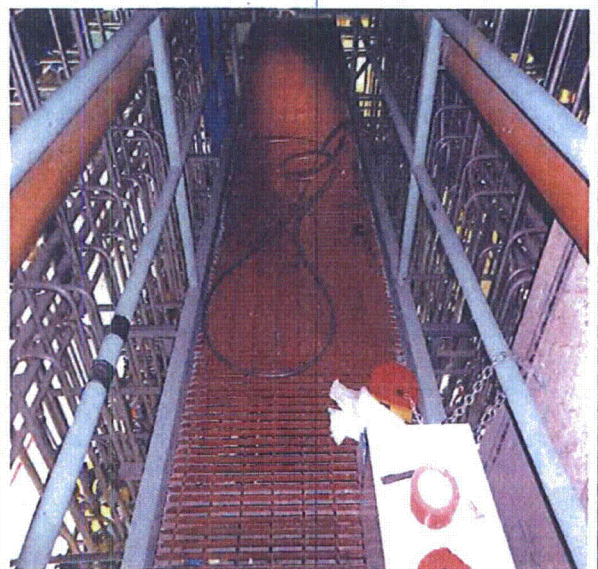
Note:



Note:



Note:



Note:

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 859 Room, Area¹ NW-QUAD (WB-025)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ NW-QUAD (WB-025)

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 ☐

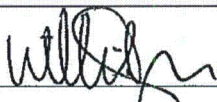
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

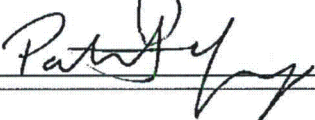
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐

Photographs

Note: N/A

Note:

Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-026)**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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-026)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson

Date: 10/26/12

James McKinney

10/16/12

Location: Bldg. Rx Floor El. 859 Room, Area¹ Torus Area (AWC# WB-026)

Photographs

Note:

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Note:

Location: Bldg. Rx Floor El. 881 Room, Area¹ NE-QUAD (AWC# WB-027)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 881 Room, Area¹ NE-QUAD (AWC# WB-027)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Tubing trays to Rack IR-25-58 have several connections where 1 of the 2 screws per side is loose or missing. Since each connection has 1 screw secured tightly, the overall tubing tray system is acceptable per SWE. CR-CNS-2012-06246. Recommended that missing screws be replaced or tightened. Interaction concern: IA piping in contact with piping associated with valve REC-445, in overhead, prior to wall penetration. Acceptable due to proximity of penetration

Evaluated by: William Price

Date: 09/18/2012

Patrick Yearley

09/18/2012

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 881 Room, Area¹ NE-QUAD (AWC# WB-027)

Photographs

Note: N/A

Note: N/A

Note:

Note:

Location: Bldg. Rx Floor El. 903 Room, Area¹ INJ V Room (AWC# WB-028)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
raceway not overfilled, acceptable

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 ☐
Overhead lighting acceptable

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ INJ V Room (AWC# WB-028)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson

Date: 10/26/12

James McKinney

10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ INJ V Room (AWC# WB-028)

Photographs

Note:

Note:

Note:

Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931 Room, Area¹ NE Platform (AWC# WB-029)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐
Lights with bulbs removed

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931 Room, Area: NE Platform (AWC# WB-029)

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 ☐

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 ☐

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 ☐

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 ☐
*First constant restraint hanger near penetration X-16A is acceptable.
Coating found on adjacent overhead line determined to be from painting and not seismic interactions. Rod is near X-16A, acceptable.*

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson *Justin Jackson* Date: 11/01/12

James McKinney

James McKinney

11/5/12

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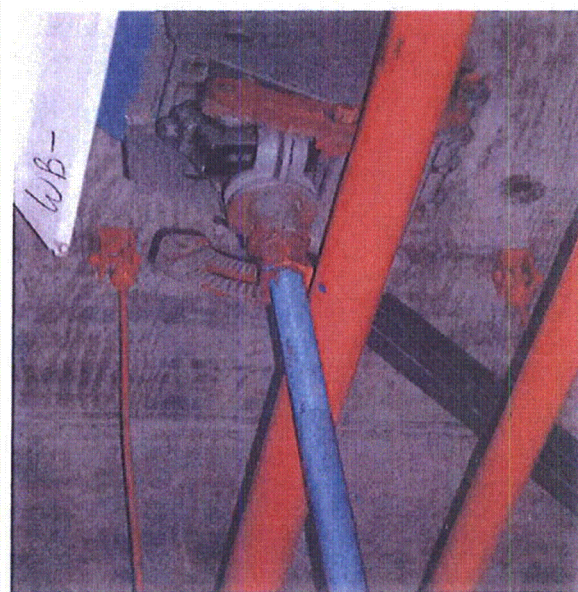
Area Walk-By Checklist (AWC)

Sheet 3 of 3

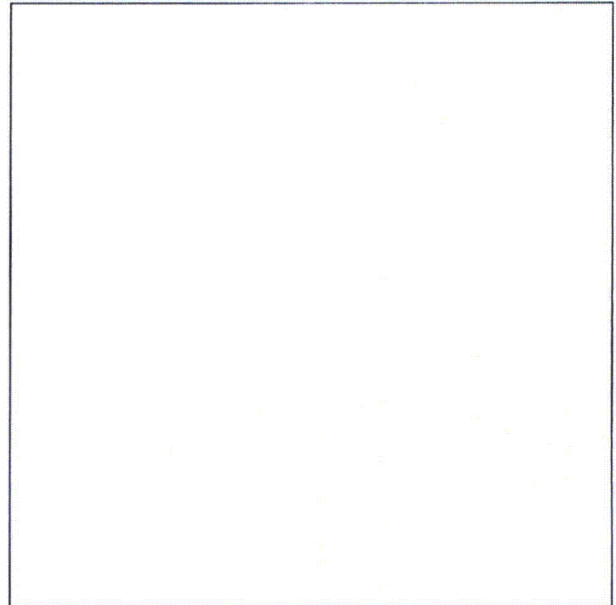
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 931 Room, Area¹ NE Platform (AWC# WB-029)

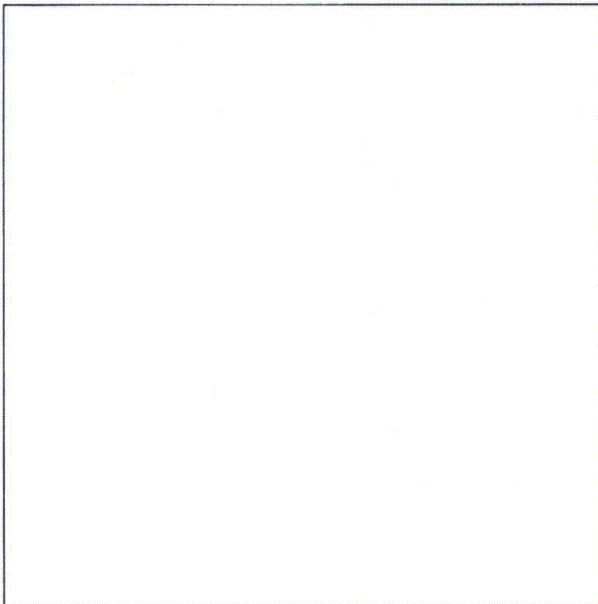
Photographs



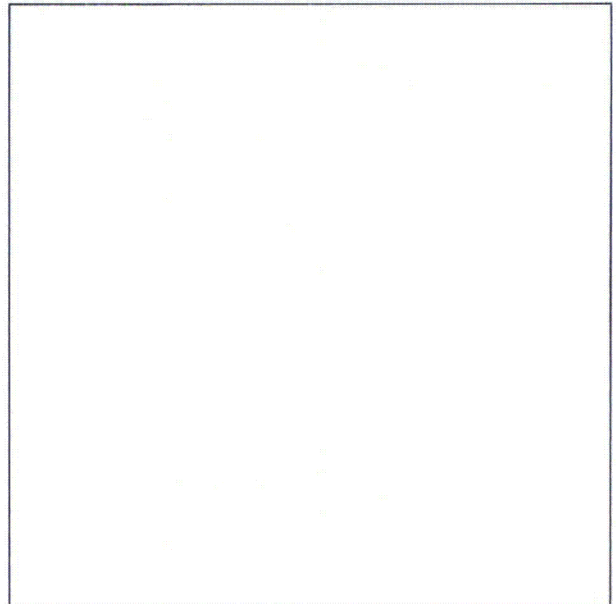
Note:



Note:



Note:



Note:

Area Walk-By Checklist (AWC)

Status: Y ☐ N ☒ U ☐Location: Bldg. Rx Floor El. 976 Room, Area¹ SGT Room (AWC# WB-030)**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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

Light is chain hung with "s" hooks (crimped), therefore Seismic Walkdown Engineers (SWEs) consider acceptable.

SGT Fan IF damper arm and the lever for SGT-AD-B could effect the operation of each other due to small gap between each arm.

CR-CNS-2012-6130

Tube tray and conduit are in contact with the mirror insulation airline associated with moisture separator SBTG-A Insulation is thought to be approximatly 1". Any movement will not damage the large diameter airline, therefore SWEs find this acceptable.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ SGT Room (AWC# WB-030)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06130

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3
Status: Y ☐ N ☒ U ☐

Location: Bldg. Rx Floor El. 976 Room, Area¹ SGT Room (AWC# WB-030)

Photographs

Note: N/A

Note: N/A

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931 Room, Area¹ NE-Above REC Pump B(AWC#WB-031)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 931 Room, Area: NE-Above REC Pump B(AWC#WB-031)

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 ☐

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 ☐

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 ☐
Lead shielding in overhead on piping, acceptable.

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 ☐

Comments (Additional pages may be added as necessary)

Limited view from floor due to scaffolding

Evaluated by: Justin Jackson

Date: 10/26/12

James McKinney

James Mc Kinney

10/16/12

Location: Bldg. Rx Floor El. 931 Room, Area¹ NE-Above REC Pump B(AWC#WB-031)

Photographs

Note:

Note:

Note:

Note:

Location: Bldg. Rx Floor El. 931 Room, Area¹ NW (Next to IR25-5) (AWC# WB-032)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐
Light over IR-25-5A/IR-25-53, chain hung can't verify "s" hook in overhead. All components below light are rigid, therefore if light dropped it would not cause damage.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931 Room, Area¹ NW (Next to IR25-5) (AWC# WB-032)

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 ☐

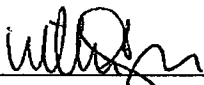
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

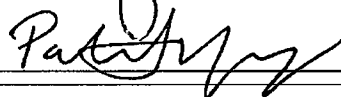
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. Rx Floor El. 931 Room, Area¹ NW (Next to IR25-5) (AWC# WB-032)

Photographs

Note:

Note:

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931 Room, Area¹ SE (Near rack 25-6) (AWC# WB-033)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 931 Room, Area¹ SE (Near rack 25-6) (AWC# WB-033)

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 ☐

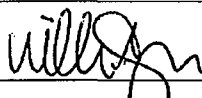
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

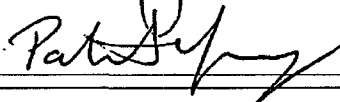
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. Rx Floor El. 931 Room, Area¹ SE (Near rack 25-6) (AWC# WB-033)

Photographs

Note: N/A

Note: N/A

Note: N/A

Note: N/A

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 958 Room, Area¹ SE (AWC# WB-034)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. Rx Floor El. 958 Room, Area¹ SE (AWC# WB-034)

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 ☐

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 ☐

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 ☐

*A large tool box was located in the area walk-by supported by four (4) wheels. It is important that this tool box be restrained at all times.
Reference CR-CNS-2012-06150.*

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06150.

Evaluated by: William Price  Date: 09/13/2012

Patrick Yearley 

09/13/2012

Location: Bldg. Rx Floor El. 958 Room, Area¹ SE (AWC# WB-034)

Photographs



Note:



Note:



Note:



Note:

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE(behind MCC-K) (AWC# WB-035)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE(behind MCC-K) (AWC# WB-035)

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 ☐

FP line looks properly seismically supported- has threaded connections.

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 ☐

H2/O2 line in pipe chase is adequately supported

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date: 10/16/12

Justin Jackson

Justin Jackson

10/26/12

Engineering Evaluation 12-E18

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Area Walk-By Checklist (AWC)

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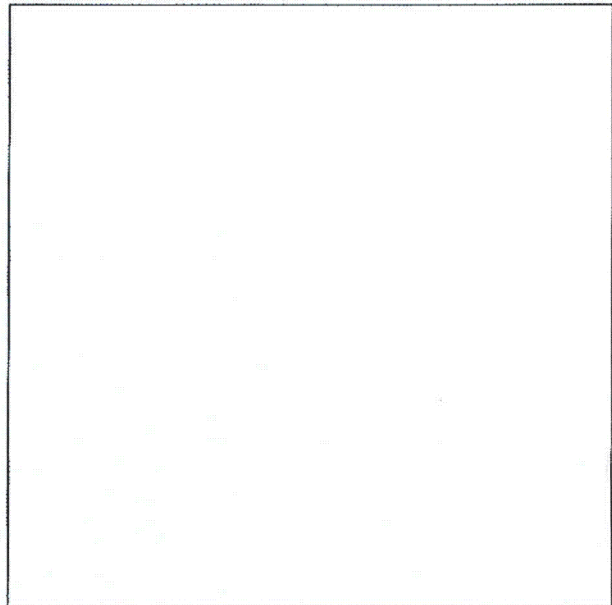
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ NE(behind MCC-K) (AWC# WB-035)

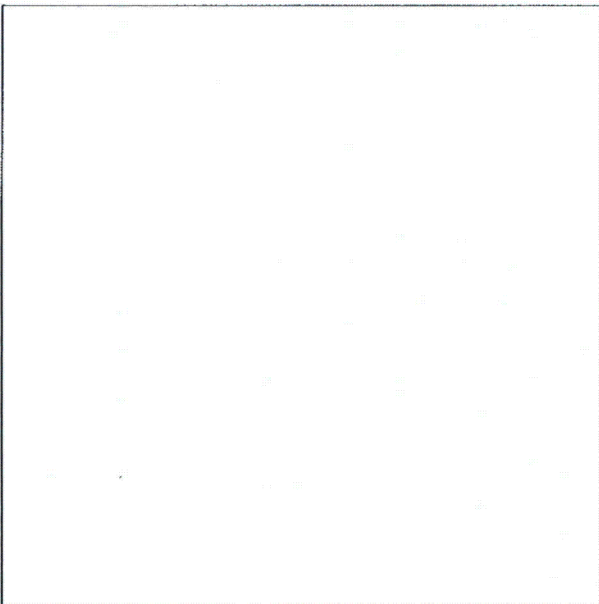
Photographs



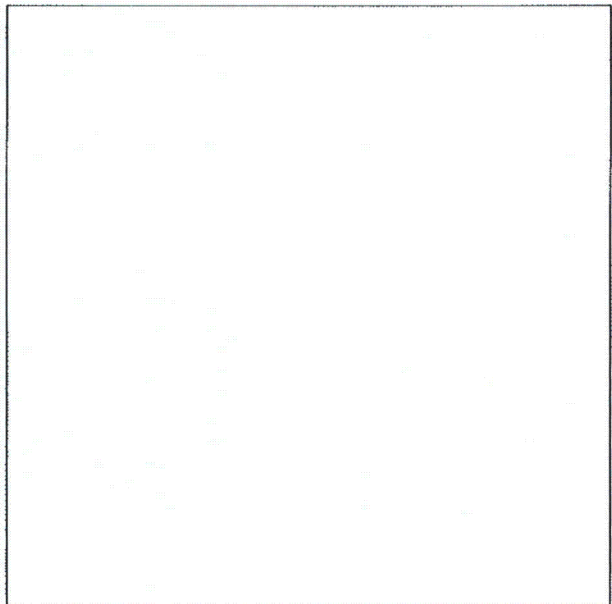
Note: N/A



Note: N/A



Note:



Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931/903 Room, Area¹ A RHR Hx RM (AWC# WB-036)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931/903 Room, Area¹ A RHR Hx RM (AWC# WB-036)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 931/903 Room, Area¹ A RHR Hx RM (AWC# WB-036)

Photographs

Note:

Note:

Note:

Note:

Location: Bldg. Rx Floor El. 903 Room, Area¹ A RHR Hx Room (AWC# WB-037)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ A RHR Hx Room (AWC# WB-037)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson

Date: 10/26/12

James McKinney

10/17/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ A RHR Hx Room (AWC# WB-037)

Photographs

Note:

Note:

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 903 Room, Area¹ RHR Hx RM B (AWC# WB-038)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ RHR Hx RM B (AWC# WB-038)

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 ☐

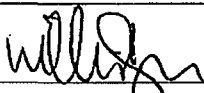
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

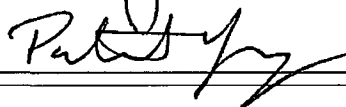
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ RHR Hx RM B (AWC# WB-038)

Photographs

Note: N/A

Note: N/A

Note:

Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ C-903-RPS Room B (AWC# WB-039)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ C-903-RPS Room B (AWC# WB-039)

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 ☐

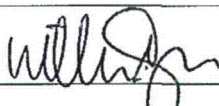
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

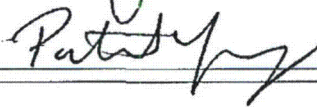
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

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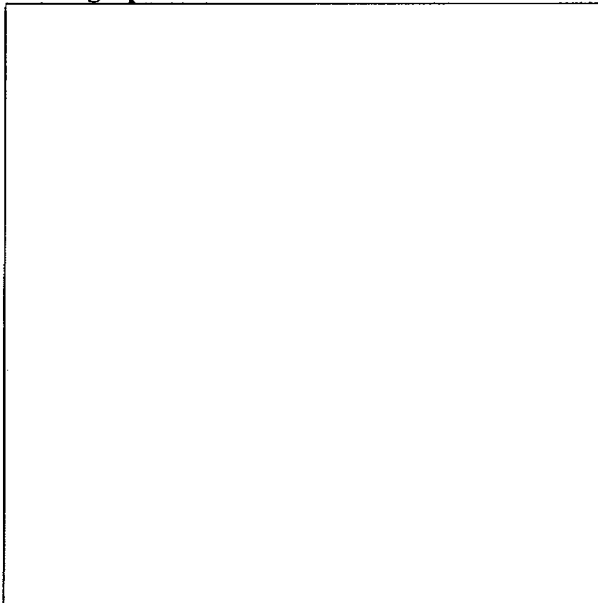
Area Walk-By Checklist (AWC)

Sheet 3 of 3

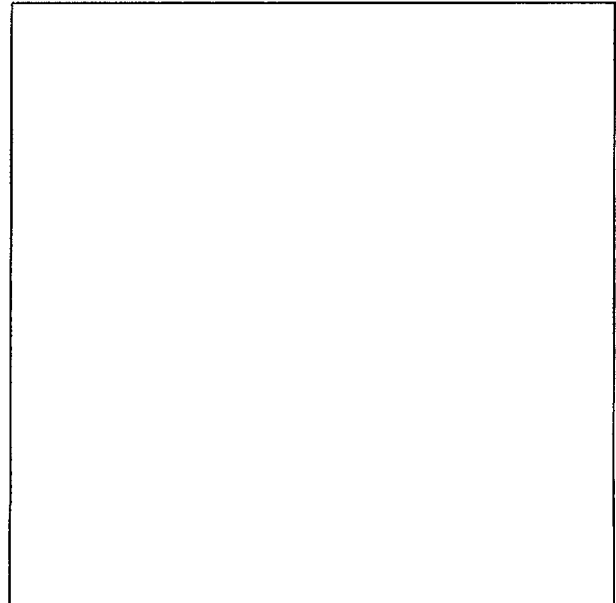
Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 903 Room, Area¹ C-903-RPS Room B (AWC# WB-039)

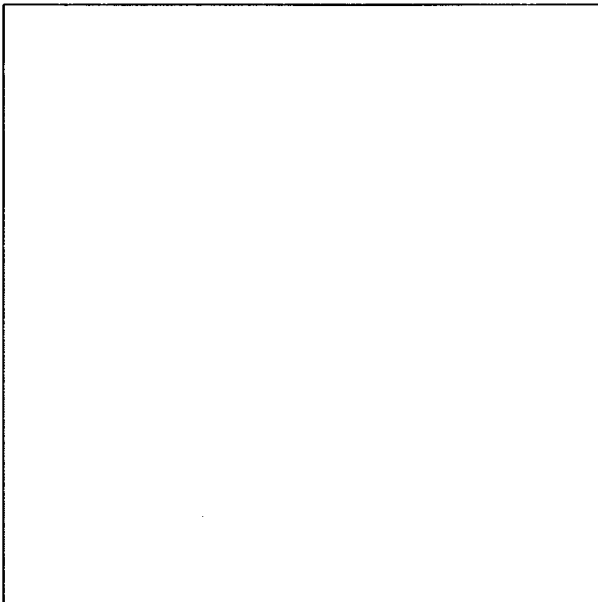
Photographs



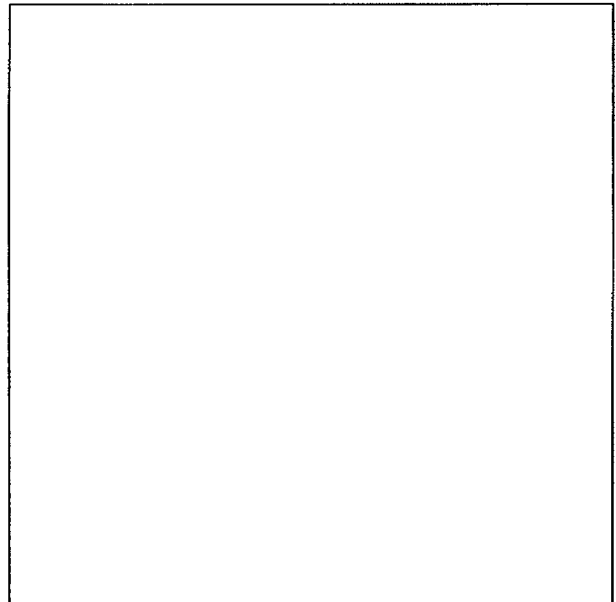
Note: N/A



Note: N/A



Note:



Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ RPS - Room A (AWC# WB-040)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ RPS - Room A (AWC# WB-040)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

Location: Bldg. C Floor El. 903 Room, Area¹ RPS - Room A (AWC# WB-040)

Photographs

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Location: Bldg. C Floor El. 882 Room, Area¹ C-882-N (AWC# WB-041)

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 ☐
Instrument rack on A - support nearest to skid has severe corrosion.

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☐ N ☒ U ☐ N/A ☐
*SWV-807 - Chipped concrete around base.
Crack near skid
Pump B - Clip missing from motor cage/guard. Crack propagating from wall to skid of SW-P-BP-B
Pump C - SW-93 mild corrosion on support plate and seismic support next to SW-STNR-BPO.
Mild to moderate corrosion on support SW-V-86
Grout chipped away from support SW-805*

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☐ N ☒ U ☐

Location: Bldg. C Floor El. 882 Room, Area¹ C-882-N (AWC# WB-041)

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 ☐

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 ☐

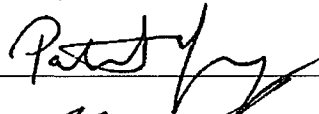
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06647, CR-CNS-2012-06648, CR-CNS-2012-06650, CR-CNS-2012-06651

Evaluated by: Patrick Yearley



Date: 11/2/12

Mitchell Marotz



Date: 11/4/12

Location: Bldg. C Floor El. 882 Room, Area¹ C-882-N (AWC# WB-041)

Photographs

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Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932-5 (AWC# WB-042)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932-5 (AWC# WB-042)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date: 11/5/12

Justin Jackson

Justin Jackson

10/26/12

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area: C-932-5 (AWC# WB-042)

Photographs

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Location: Bldg. C Floor El. 903 Room, Area¹ SWGR Room B (AWC# WB-043)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 903 Room, Area¹ SWGR Room B (AWC# WB-043)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10-19-12

James McKinney

James McKinney

10/19/12

Location: Bldg. C Floor El. 903 Room, Area¹ SWGR Room B (AWC# WB-043)

Photographs

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Area Walk-By Checklist (AWC)

Location: Bldg. DG2 Floor El. 903 Room, Area¹ DG2 (AWC# WB-044)

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 ☐
*Support bracket for valve manifold has one anchor which has retracted out of a tightened position approximately 1/2". The manifold valves are SW-1350, 1351, 1354, and 1354.
CR-CNS-2012-06332*
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐
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 ☐
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 ☐
*Chain hung lighting fixture is in close proximity to 4160 Switchgear Cabinet {EE-SWGR-4160DG2 (EG2E)}. The cabinet relays mounted in the upper region, close to light. The fixture could away during a seismic event, impacting the cabinet which could cause the relays to chatter.
CR-CNS-2012-06312*

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Location: Bldg. DG2 Floor El. 903 Room, Area¹ DG2 (AWC# WB-044)

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 ☐

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 ☐

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 ☐

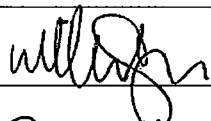
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Y ☒ N ☐ U ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06332

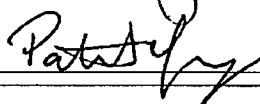
CR-CNS-2012-06312

Evaluated by: William Price



Date: 10/16/12

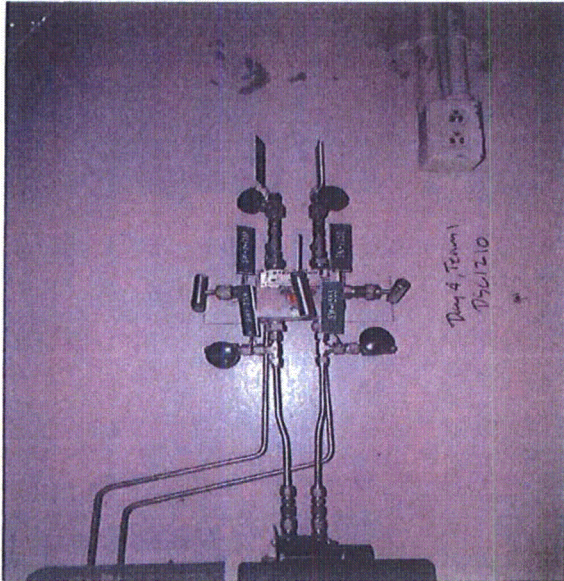
Patrick Yearley



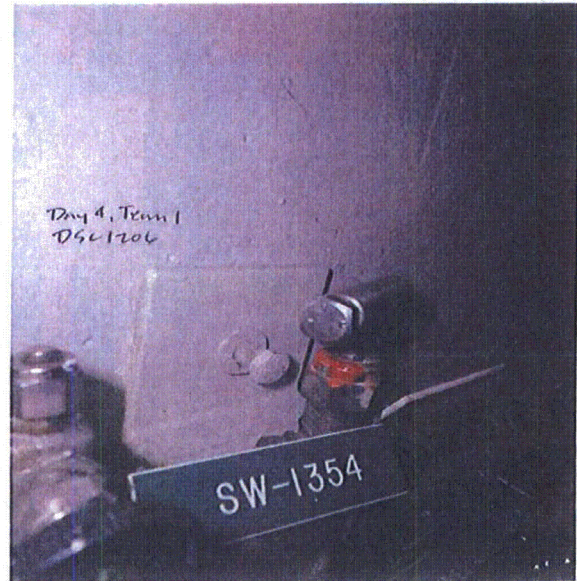
10/16/12

Location: Bldg. DG2 Floor El. 903 Room, Area¹ DG2 (AWC# WB-044)

Photographs



Note:



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Location: Bldg. MPF Floor El. 903 Room, Area¹ Above Tool Crib(South) (AWC#WB-045)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Location: Bldg. MPF Floor El. 903 Room, Area¹ Above Tool Crib(South) (AWC#WB-045)

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 ☐

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 ☐
Fire Cabinets located floor below, (locked)

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 ☐
Cable loop, nylon tied to conduit- Acceptable

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 ☐
Retractable gate posts and filter assembly skid not restrained (under stairs).
CR-CNS-2012-06260

Comments (Additional pages may be added as necessary)

Multiple nearby fence panels provide protection.

CR-CNS-2012-06260

Evaluated by: Justin Jackson

Date: 10/26/12

James McKinney

James McKinney

10/16/12

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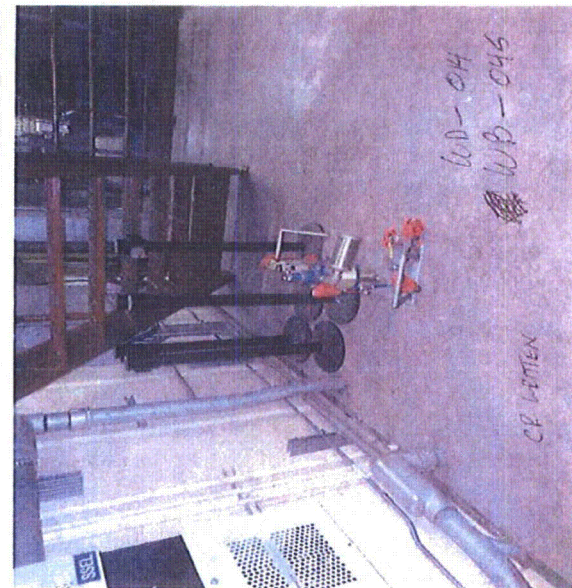
Area Walk-By Checklist (AWC)

Sheet 3 of 3

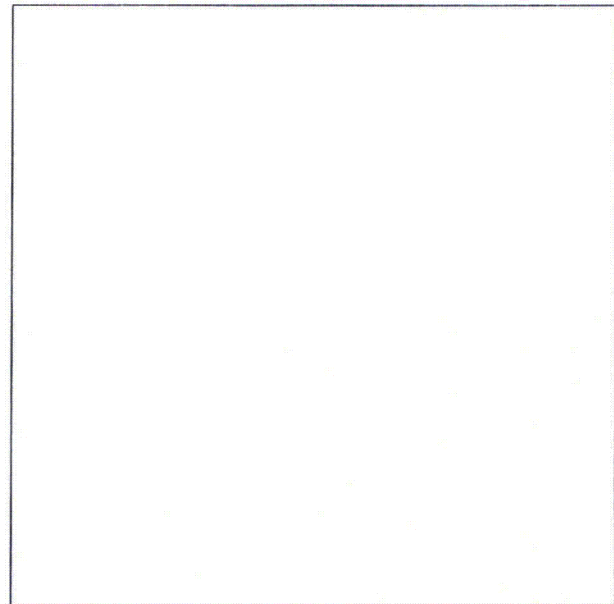
Status: Y ☐ N ☒ U ☐

Location: Bldg. MPF Floor El. 903 Room, Area¹ Above Tool Crib(South) (AWC#WB-045)

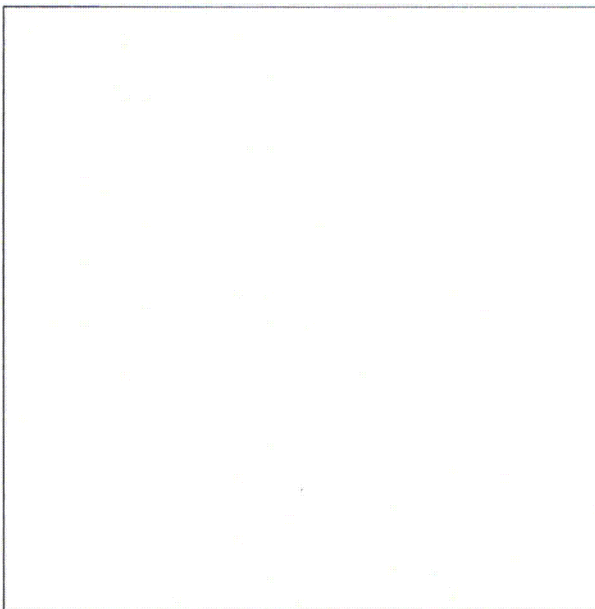
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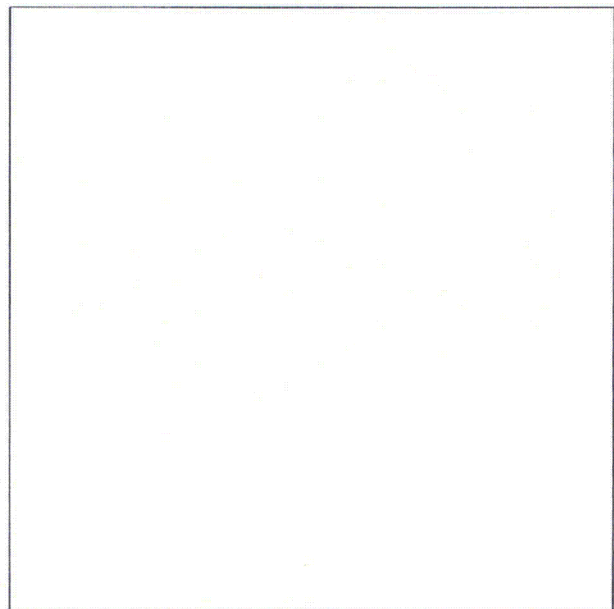
Note:



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Area Walk-By Checklist (AWC)

Location: Bldg. YD Floor El. _____ Room, Area¹ ST. TK A Manhole (AWC# WB-046)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Location: Bldg. YD Floor El. _____ Room, Area¹ ST. TK A Manhole (AWC# WB-046)

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 ☐

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 ☐

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 ☐

Large steel plate present but is in configuration as not to affect equipment area, not a seismic concern. CR-CNS-2012-06612

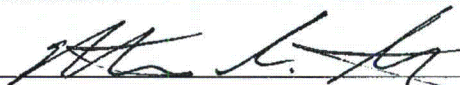
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Y ☒ N ☐ U ☐

Cabinet only supported by conduit. Due to the large conduit, short length of the conduit and the minimal mass of the box, there is no seismic issue.

Comments (Additional pages may be added as necessary)

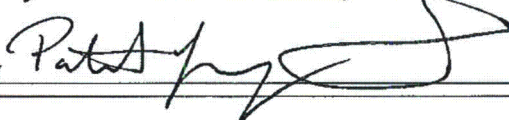
Fastener on PT634A is missing. Still adequately braced for the minimal mass. CR-CNS-2012-06613
Two loose bolts (out of ~20) on the tank cover holding the pump. CR-CNS-2012-06615
CR-CNS-2012-06612

Evaluated by: Mitchell Marotz



Date: 11/2/12

Patrick Yearley



Date: 11/2/12

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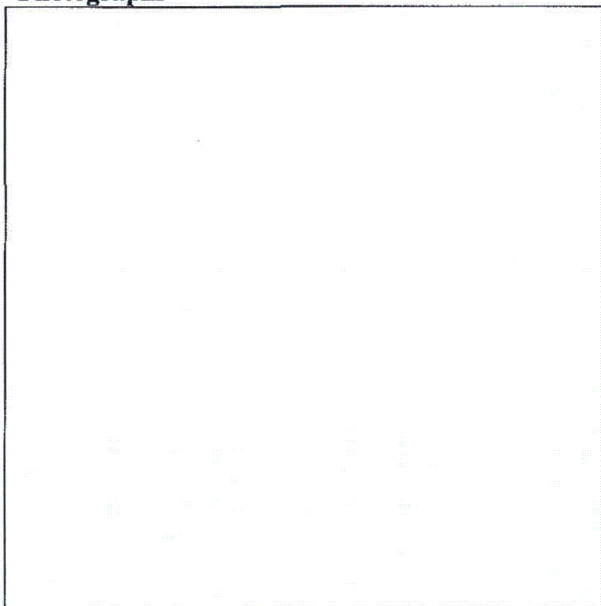
Area Walk-By Checklist (AWC)

Sheet 3 of 3

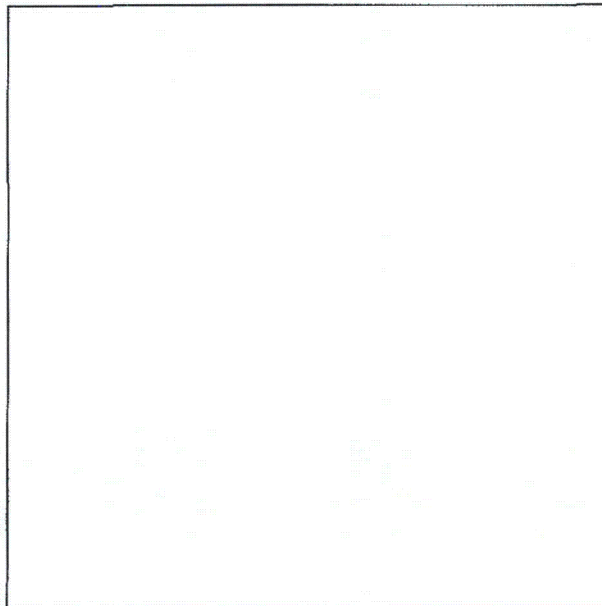
Status: Y ☒ N ☐ U ☐

Location: Bldg. YD Floor El. _____ Room, Area¹ ST. TK A Manhole (AWC# WB-046)

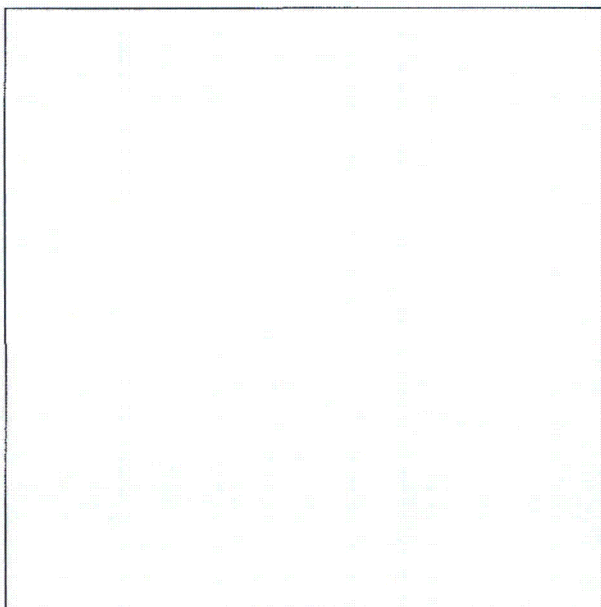
Photographs



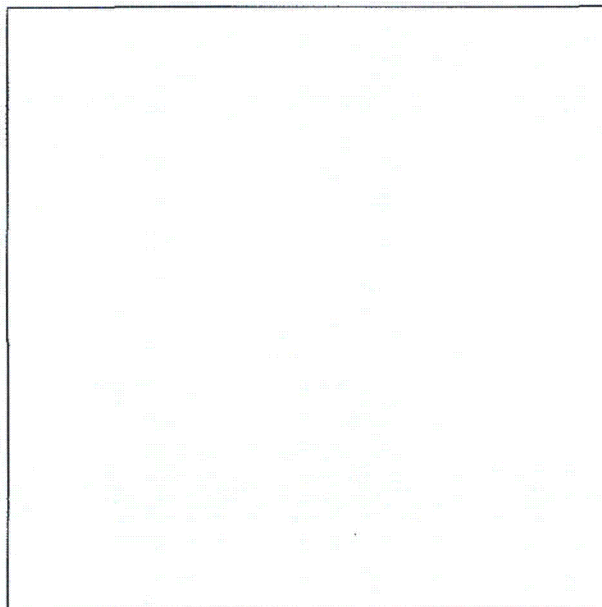
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Status: Y ☒ N ☐ U ☐**Area Walk-By Checklist (AWC)**Location: Bldg. Rx Floor El. 976 Room, Area¹ (AWC# WB-047)**Instructions for Completing Checklist**

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ (AWC# WB-047)

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 ☐

FP okay, did entire room.

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date: 11/5/12

Patrick Yearley

Patrick Yearley

Date: 11/2/12

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ (AWC# WB-047)

Photographs

Note:

Note:

Note:

Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. DG2 Floor El. 917 Room, Area¹ DG2 (AWC# WB-048)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. DG2 Floor El. 917 Room, Area¹ DG2 (AWC# WB-048)

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 ☐

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 ☐

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 ☐

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 ☐

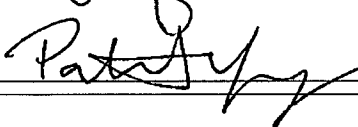
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



11/8/12

Status: Y ☒ N ☐ U ☐

Location: Bldg. DG2 Floor El. 917 Room, Area¹ DG2 (AWC# WB-048)

Photographs

Note: N/A

Note: N/A

Note:

Note:

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room (AWC# WB-049)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☐ N ☒ U ☐ N/A ☐
Two (2) of four (4) anchor bolts, which secure 125VDC Distribution Panel B to the concrete floor, were not fully engaged but were not loose. Small gap between the shank side of the bolt head and mounting channel flange. 1/4 gap between the mounting channel lower flange and concrete slab. SWE's could spin the bolt washers, indicating there is no bolt pre-load. Per conduit and conduit support configuration the transfer switch will still be adequate during a seismic event. (CR-CNS-2012-09274)

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☐ N ☒ U ☐

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room (AWC# WB-049)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-09274

Evaluated by: Mitchell Marotz

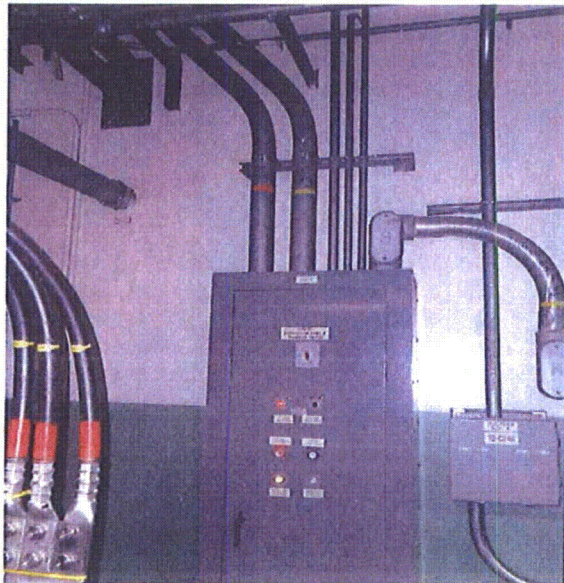
Date: 11/15/12

Justin Jackson

11/15/12

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room (AWC# WB-049)

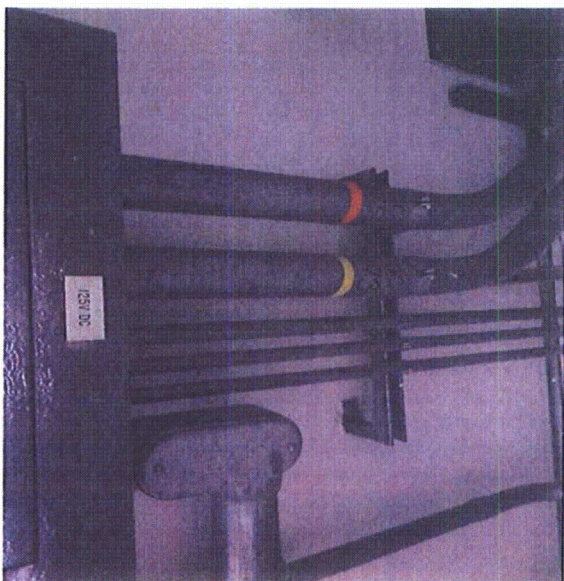
Photographs



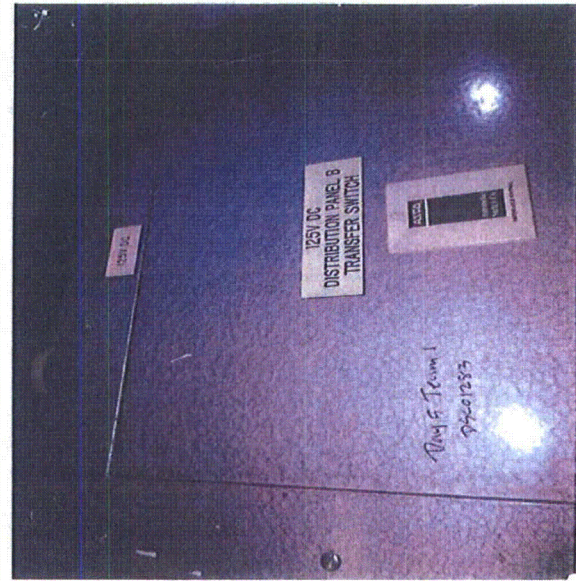
Note: N/A



Note: N/A



Note:



Note:

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 918 Room, Area¹ Cable Spreading Room (WB-050)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 918 Room, Area Cable Spreading Room (WB-050)

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 ☐

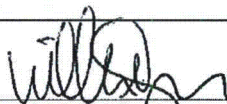
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

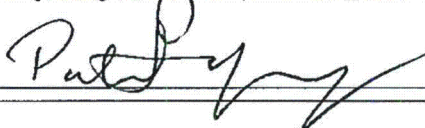
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐

Photographs

Note:

Note:

Note:

Eastern Bluebird (*Sialia sialis*)

Legend:
 • 1-99
 • 100+

Map showing the distribution of the Eastern Bluebird (*Sialia sialis*) in 1999. The map includes state boundaries and names. Distribution is indicated by black dots (representing 1-99 individuals) and black numbers (representing 100 or more individuals). The species is widely distributed across the eastern half of the United States, with higher concentrations in the Northeast, Midwest, and Southeast. It is also found in the Pacific Northwest and parts of the Southwest.

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 918 Room, Area¹ Cable Spreading Room(AWC# WB-051)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 918 Room, Area¹ Cable Spreading Room(AWC# WB-051)

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 ☐

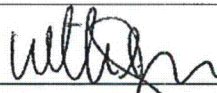
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

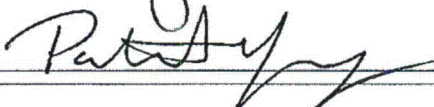
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 918 Room, Area¹ Cable Spreading Room(AWC# WB-051)

Photographs

Note: N/A

Note: N/A

Note:

Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room A (AWC# WB-052)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room A (AWC# WB-052)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Refer to AWC# WB-049

Evaluated by: William Price

Date: 10-18-12

Patrick Yearley

10-18-12

Location: Bldg. C Floor El. 903 Room, Area¹ Battery Room A (AWC# WB-052)

Photographs

Note:

Note:

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ Switchgear Room (AWC# WB-053)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. C Floor El. 903 Room, Area¹ Switchgear Room (AWC# WB-053)

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 ☐

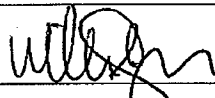
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

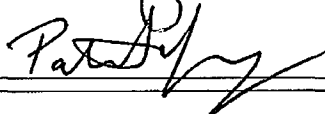
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 10/16/12

Patrick Yearley



10/16/12

Location: Bldg. C Floor El. 877 Room, Area¹ ECST Room (AWC# WB-054)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)

Status: Y ☒ N ☐ U ☐Location: Bldg. C Floor El. 877 Room, Area ECST Room (AWC# WB-054)

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 ☐

CNS housekeeping practices not followed. (CR-CNS-2012-06209)

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 ☐

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 ☐

Scaffolding chained to the stairs.

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06209

Evaluated by: Justin Jackson *Justin Jackson*

Date: 10/26/12

James McKinney *James McKinney*

10/16/12

Location: Bldg. C Floor El. 877 Room, Area¹ ECST Room (AWC# WB-054)

Photographs

Note:

Note:

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ Aux Relay Room(AWC# WB-055)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 903 Room, Area¹ Aux Relay Room(AWC# WB-055)

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 ☐

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 ☐

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 ☐

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 ☐
Clip came off grounding wire near column line G.7 on north wall.
CR-CNS-2012-06573

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06573

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3
Status: Y ☐ N ☒ U ☐

Location: Bldg. C Floor El. 903 Room, Area¹ Aux Relay Room(AWC# WB-055)

Photographs

Note:

Note:

Note:

Note:

Area Walk-By Checklist (AWC)

Location: Bldg. DG2 Floor El. 903 Room, Area¹ Day Tank Room (AWC# WB-056)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. DG2 Floor El. 903 Room, Area¹ Day Tank Room (AWC# WB-056)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10/16/12

Patrick Yearley

10/16/12

Location: Bldg. DG2 Floor El. 903 Room, Area¹ Day Tank Room (AWC# WB-056)

Photographs

Note:

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Note:

Note:

Location: Bldg. Rx Floor El. 958 Room, Area¹ (AWC# WB-057)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 958 Room, Area¹ (AWC# WB-057)


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 ☐

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 ☐

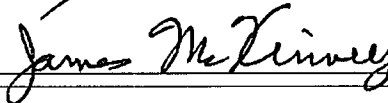
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Justin Jackson  Date: 10/26/12

James McKinney



10/16/12

Location: Bldg. Rx Floor El. 958 Room, Area¹ (AWC# WB-057)

Photographs

Note:

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Note:

Location: Bldg. Rx Floor El. 901 Room, Area¹ Drywell (AWC# WB-058)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 901 Room, Area¹ Drywell (AWC# WB-058)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10-18-12

James McKinney

James McKinney

10/18/12

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Area Walk-By Checklist (AWC)

Sheet 3 of 3
Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 901 Room, Area¹ Drywell (AWC# WB-058)

Photographs

Note:

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Location: Bldg. Rx Floor El. 921 Room, Area¹ Drywell (AWC# WB-059)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☐ N ☒ U ☐ N/A ☐
The tube tray above ventilation Louver DW1B-54 is detached from its support. CR-CNS-2012-07398

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Sheet 2 of 3

Status: Y ☐ N ☒ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 921 Room, Area¹ Drywell (AWC# WB-059)

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 ☐

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 ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

CR-CNS-2012-07398

Evaluated by: William Price

Date: 10-19-12

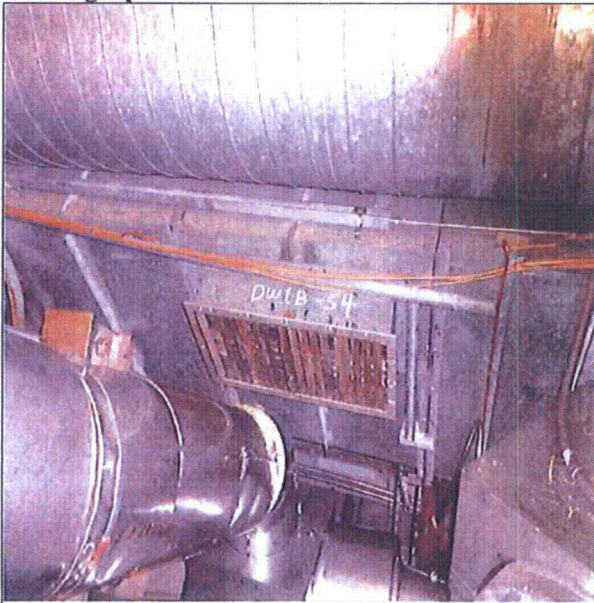
James McKinney

James M. McKinney

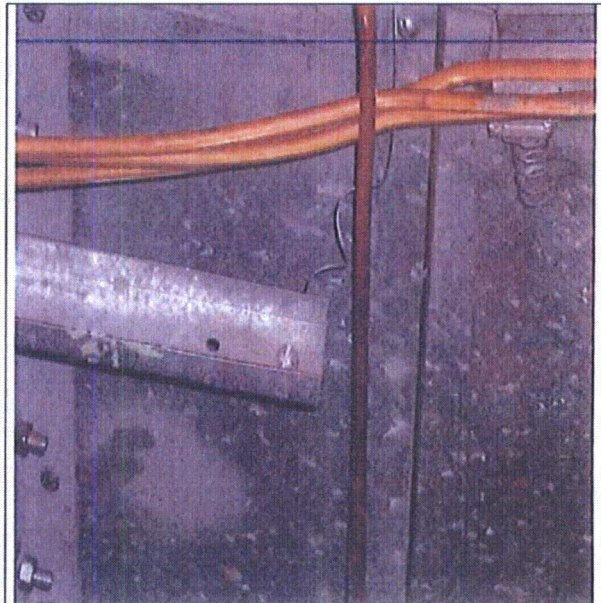
10/19/12

Location: Bldg. Rx Floor El. 921 Room, Area: Drywell (AWC# WB-059)

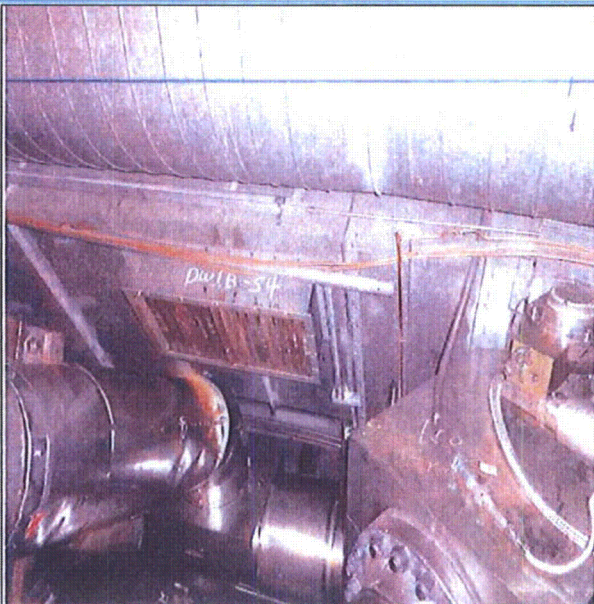
Photographs



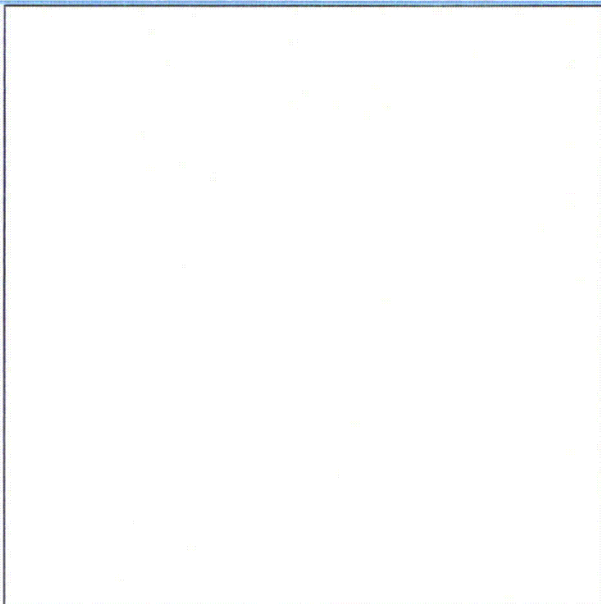
Note:



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Note:

Location: Bldg. Rx Floor El. 1001 Room, Area¹ Spent Fuel Pool (AWC# WB-060)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 1001 Room, Area¹ Spent Fuel Pool (AWC# WB-060)

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 ☐

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 ☐

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 ☐

Several tool boxes and misc. items are stage on South Area due to outage. No seismic interactions found.

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 ☐

Components in concrete PIT with checked plate cover for protection.

Comments (Additional pages may be added as necessary)

Evaluated by: William Price

Date: 10-20-12

James McKinney

James McKinney

10/20/12

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Sheet 3 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 1001 Room, Area¹ Spent Fuel Pool (AWC# WB-060)

Photographs

Note:

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Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ Spent Fuel Pool (AWC# WB-061)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ Spent Fuel Pool (AWC# WB-061)

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 ☐

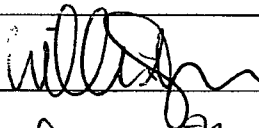
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

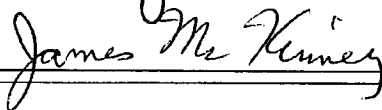
Comments (Additional pages may be added as necessary)

Evaluated by: William Price



Date: 11-15-12

James McKinney



11/15/12

Area Walk-By Checklist (AWC)

Location: Bldg. Rx Floor El. 976 Room, Area¹ Spent Fuel Pool (AWC# WB-061)

Photographs

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Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932 (AWC# WB-062)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
*Hold down clip missing from raceway on Division I C235A.
(CR-CNS-2012-06500).
Also, splice plate on cable tray missing one bolt (CR-CNS-2012-06502)*

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 ☐

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932 (AWC# WB-062)

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 ☐

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 ☐

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 ☐

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 ☐
Cover plates for Kaman Effluent Radiation Monitors are missing hold down screws. (CR-CNS-2012-06505)

Comments (Additional pages may be added as necessary)

CR-CNS-2012-06500
CR-CNS-2012-06502
CR-CNS-2012-06505

Evaluated by: James McKinney

James McKinney

Date: 11/5/12

Justin Jackson

Justin Jackson

10/26/12

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932 (AWC# WB-062)

Photographs

Note:

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Note:

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932 (AWC# WB-063)

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 ☐

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐
Adjacent raceway braced back to wall, no issue

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 ☐
Overhead lighting, Appendix R Battery and Breathing Apparatus all properly restrained, no issue.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area¹ C-932 (AWC# WB-063)

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 ☐

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 ☐

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 ☐

Ladder properly chained, no issue

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 ☐

Adjacent transformer properly supported, no issue.

Comments (Additional pages may be added as necessary)

Evaluated by: James McKinney

James McKinney

Date: 11/5/12

Justin Jackson

Justin Jackson

11/01/12

Status: Y ☒ N ☐ U ☐

Area Walk-By Checklist (AWC)

Location: Bldg. C Floor El. 932 Room, Area: C-932 (AWC# WB-063)

Photographs

Note:

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Location: Bldg. Rx Floor El. 903 Room, Area¹ NW - Near MCC-Q (AWC# WB-064)

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 ☐
Anchor bolt missing on rack (supporting TB-487B). Item is not on SSE. Three anchors are still present and appear adequate per SWE's judgment. The rack does not appear to be of large mass.

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐
a) Instrument Air Line near SAV-475 and conduit hanger 166 are within an 1/8" of one another. The configuration will not cause a plant load, but rather a uniform load over a larger section in the event of an SSE. This distributed force is considered adequate per SWE's judgment.
b) Fire protection pipe near valve FP-552 and a drain line are within an inch of one another but each has a support in the close vicinity. Neither system is intended for safe shutdown. SWE's determined no issue.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

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Area Walk-By Checklist (AWC)

Sheet 2 of 3

Status: Y ☒ N ☐ U ☐

Location: Bldg. Rx Floor El. 903 Room, Area¹ NW - Near MCC-Q (AWC# WB-064)

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 ☐

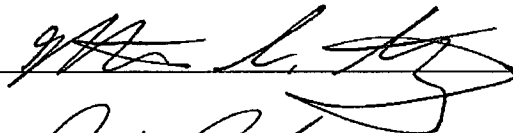
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y ☒ N ☐ U ☐ N/A ☐

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 ☐

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 ☐

Comments (Additional pages may be added as necessary)

Evaluated by: Mitch Marotz



Date: 11/15/12

Justin Jackson



11/15/12

Location: Bldg. Rx Floor El. 903 Room, Area¹ NW - Near MCC-Q (AWC# WB-064)

Photographs

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