

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-53-BBC Equip. Class¹² Motor Control Centers & Wall-Mounted ControllersEquipment Description 480V MOT Control CTR 2BBCLocation: Bldg. Control Floor El. 180'-0" Room, Area R/B18

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (See SWC dated 8/16/12)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ N ☐
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-53-BBC Equip. Class¹² Motor Control Centers & Wall-Mounted ContactorsEquipment Description 480V Mot Control Ctr 2BBC**Interaction Effects** (see SWC dated 8/16/12)7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☐ N/A ☐8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐**Other Adverse Conditions**11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐

A visual inspection of the internal components of this cabinet was performed on 3/22/13 to check for other adverse conditions. In particular, the SWB team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse seismic conditions were found. Some minor issues are documented on the "Comments" section.

Comments (Additional pages may be added as necessary)

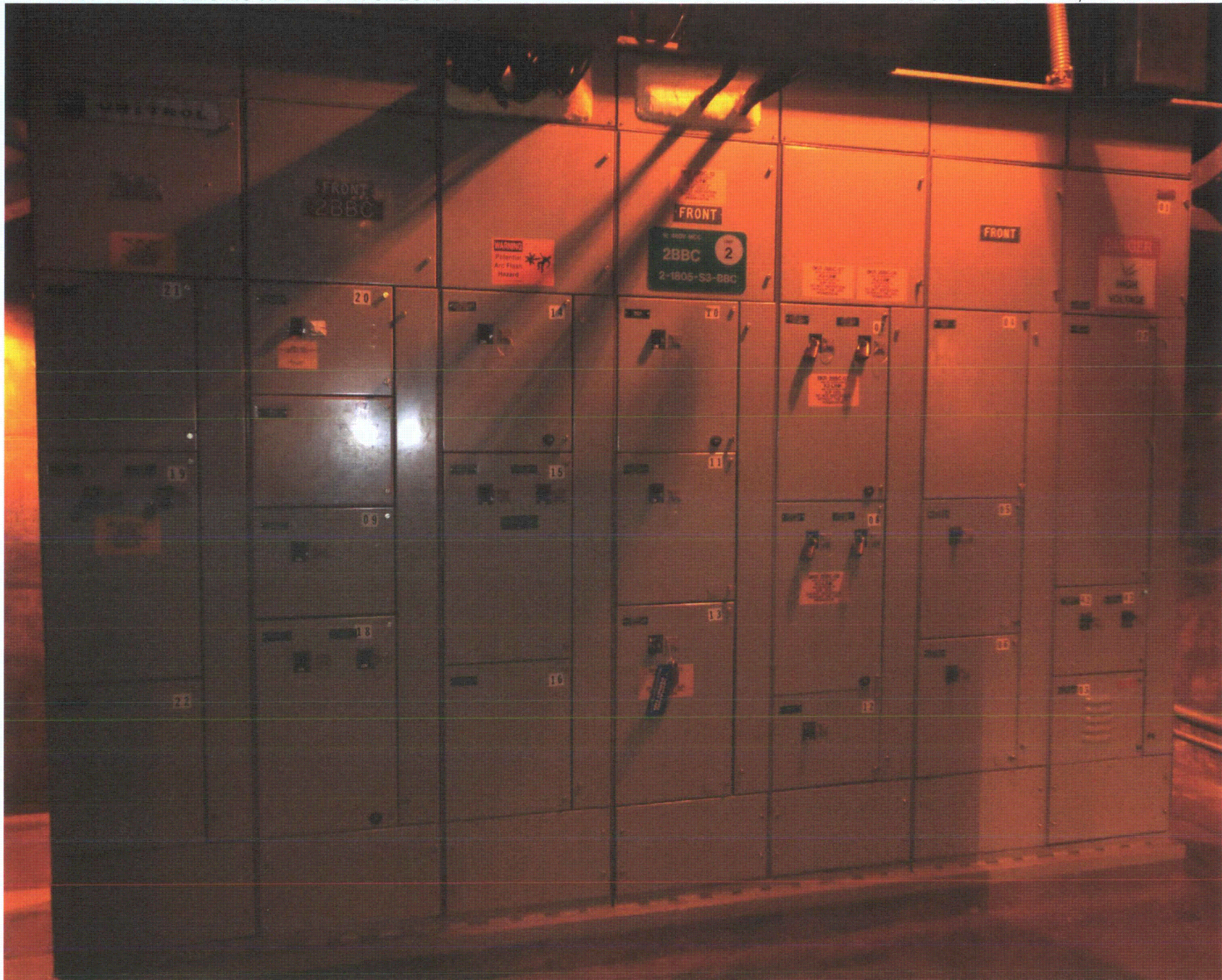
Some minor issues were found:

- One (1) missing screw for a door hinge in compartment 2BBC-22.
- One (1) missing screw for a door hinge in the top of the 4th compartment.
- One (1) door that could not be opened for compartment 2BBC-18.

It has been judged by the SWB team that these issues do not represent a seismic or operability concern for this cabinet. Condition Report 611859 has been generated to document the condition.

Evaluated by: [Signature] / José R. HernándezDate: 3/22/13[Signature] / JUSTO S. CHACON3/22/13





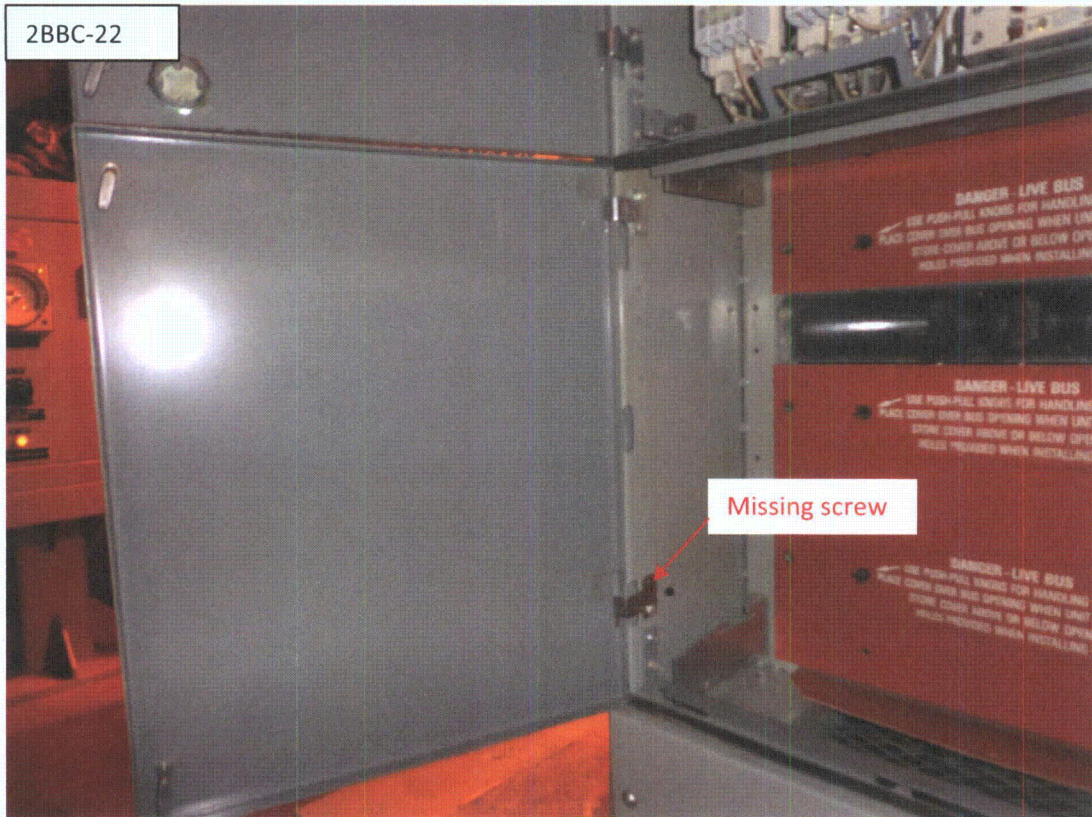
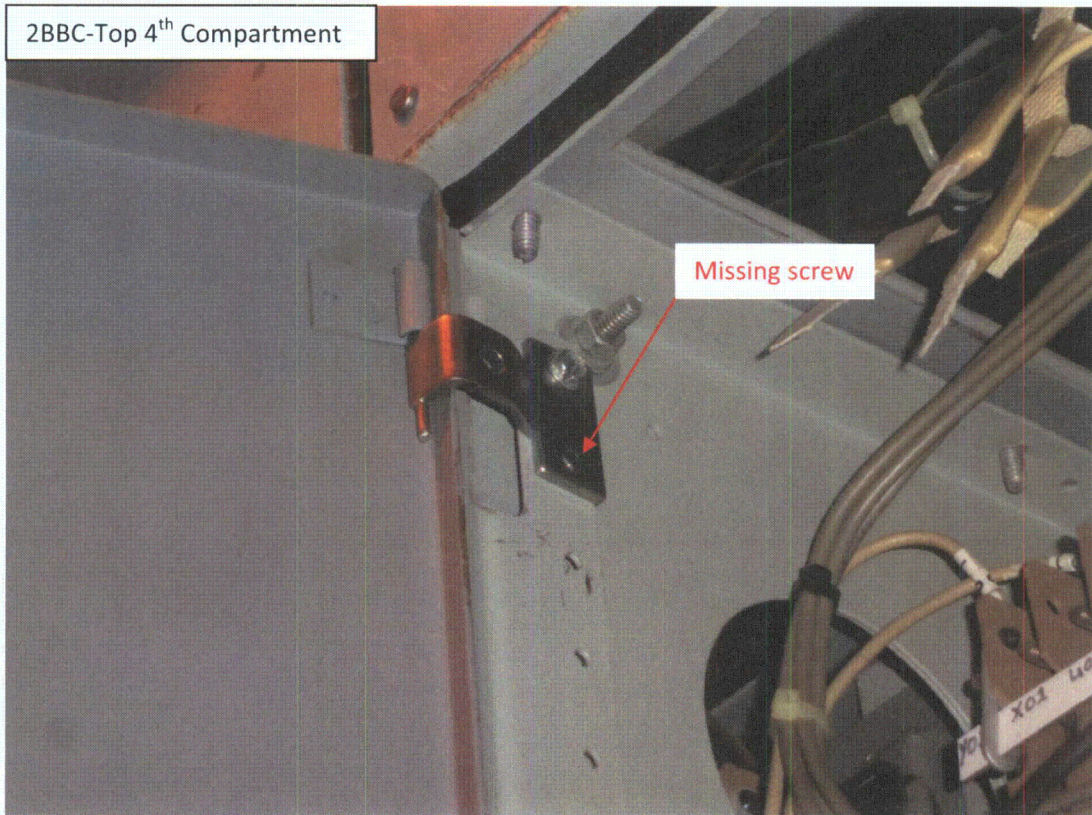








2BBC-22

2BBC-Top 4th Compartment



Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1806-S3-DCC Equip. Class¹² 1-Motor Control Centres and Wall-mounted ControllersEquipment Description 125 VDC MCC 2C D1MLocation: Bldg. Control Floor El. 180'-0" Room, Area RB85

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? ☒ Y ☐ N ☐ U

2. Is the anchorage free of bent, broken, missing or loose hardware? ☒ Y ☐ N ☐ U ☐ N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? ☒ Y ☐ N ☐ U ☐ N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? ☒ Y ☐ N ☐ U ☐ N/A

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) ☒ Y ☐ N ☐ U ☐ N/A
Anchorage details per the following drawings:
 - AX2D116007, Rev 14
 - AX2D111001, Rev 13
 - AX2D94V009, Rev 4

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1806-S3-DCC Equip. Class¹² Motor Control Centers and Wall-mounted ControllersEquipment Description 125 VDC MCC ACDIM**Interaction Effects**7. Are soft targets free from impact by nearby equipment or structures? ☒ Y ☐ N ☐ U ☐ N/A8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? ☒ Y ☐ N ☐ U ☐ N/A9. Do attached lines have adequate flexibility to avoid damage? ☒ Y ☐ N ☐ U ☐ N/A10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? ☒ Y ☐ N ☐ U**Other Adverse Conditions**

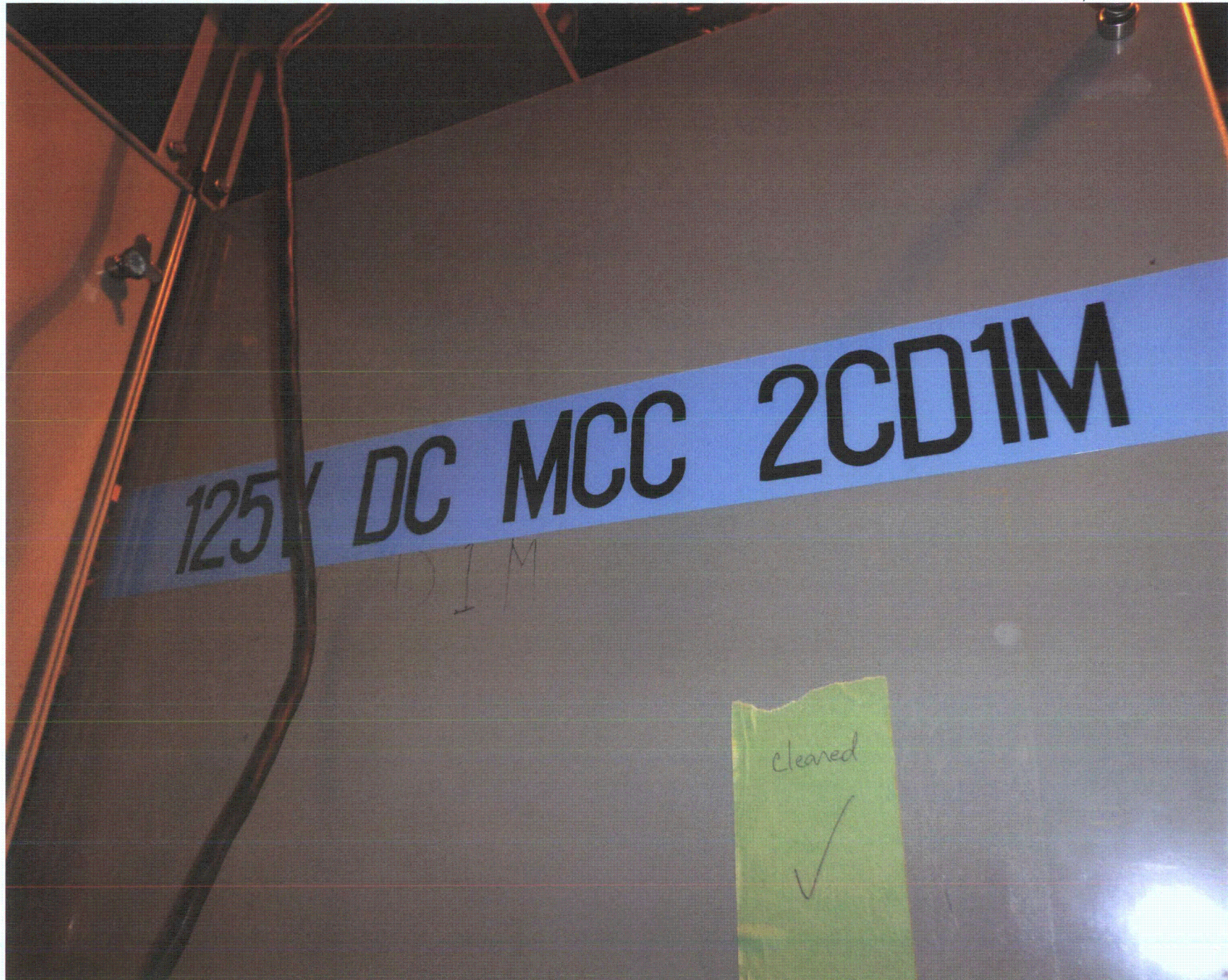
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ☒ Y ☐ N ☐ U

of this cabinet was performed on 3/11/2013 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse seismic conditions were found. A minor issue is documented on the "Comments" section.

Comments (Additional pages may be added as necessary)

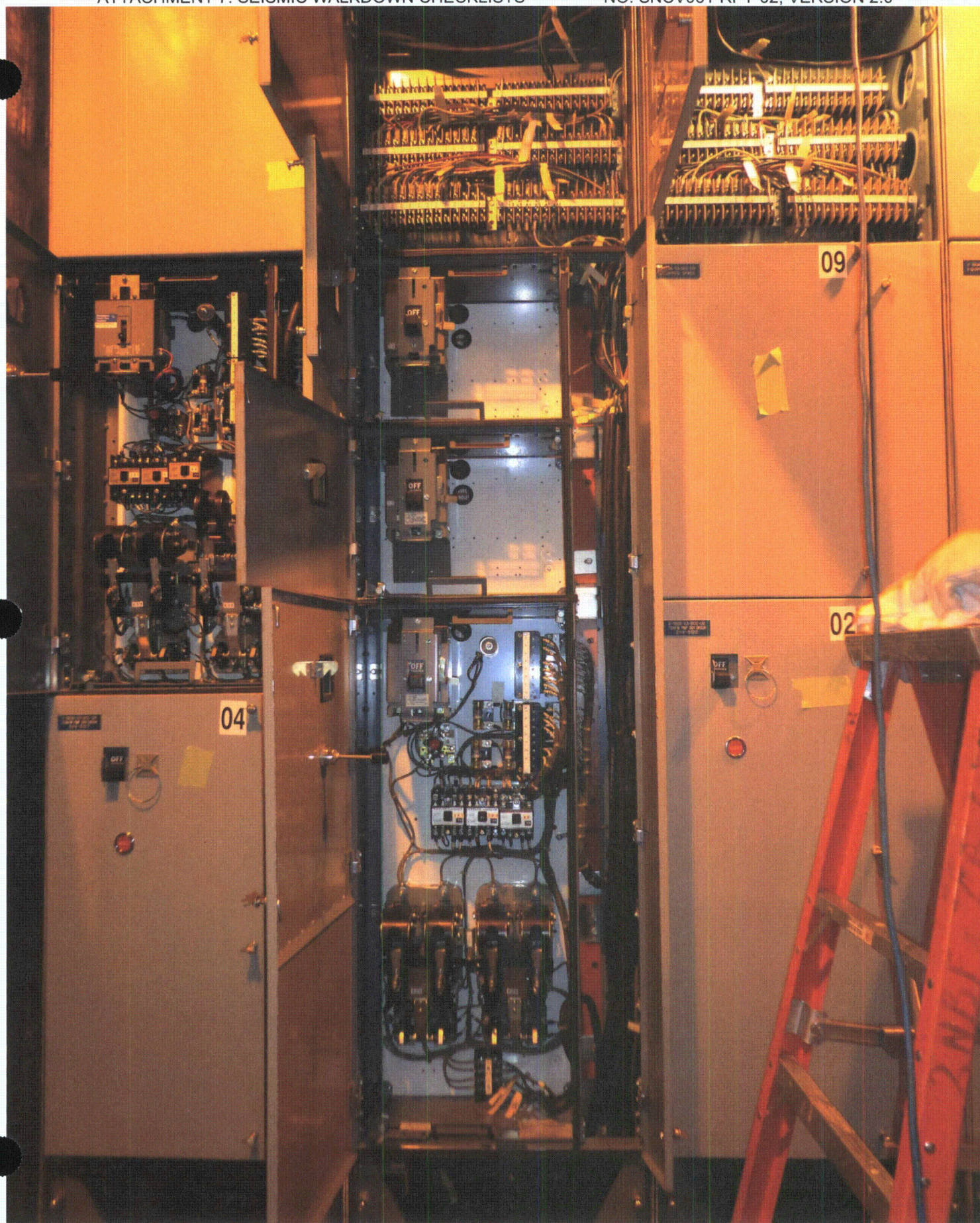
① A minor issue was found: three (3) screws for terminal blocks were missing. It has been judged by the SWE team that this condition does not represent a seismic or operability concern for this cabinet. Condition report 604433 has been generated to document the condition.

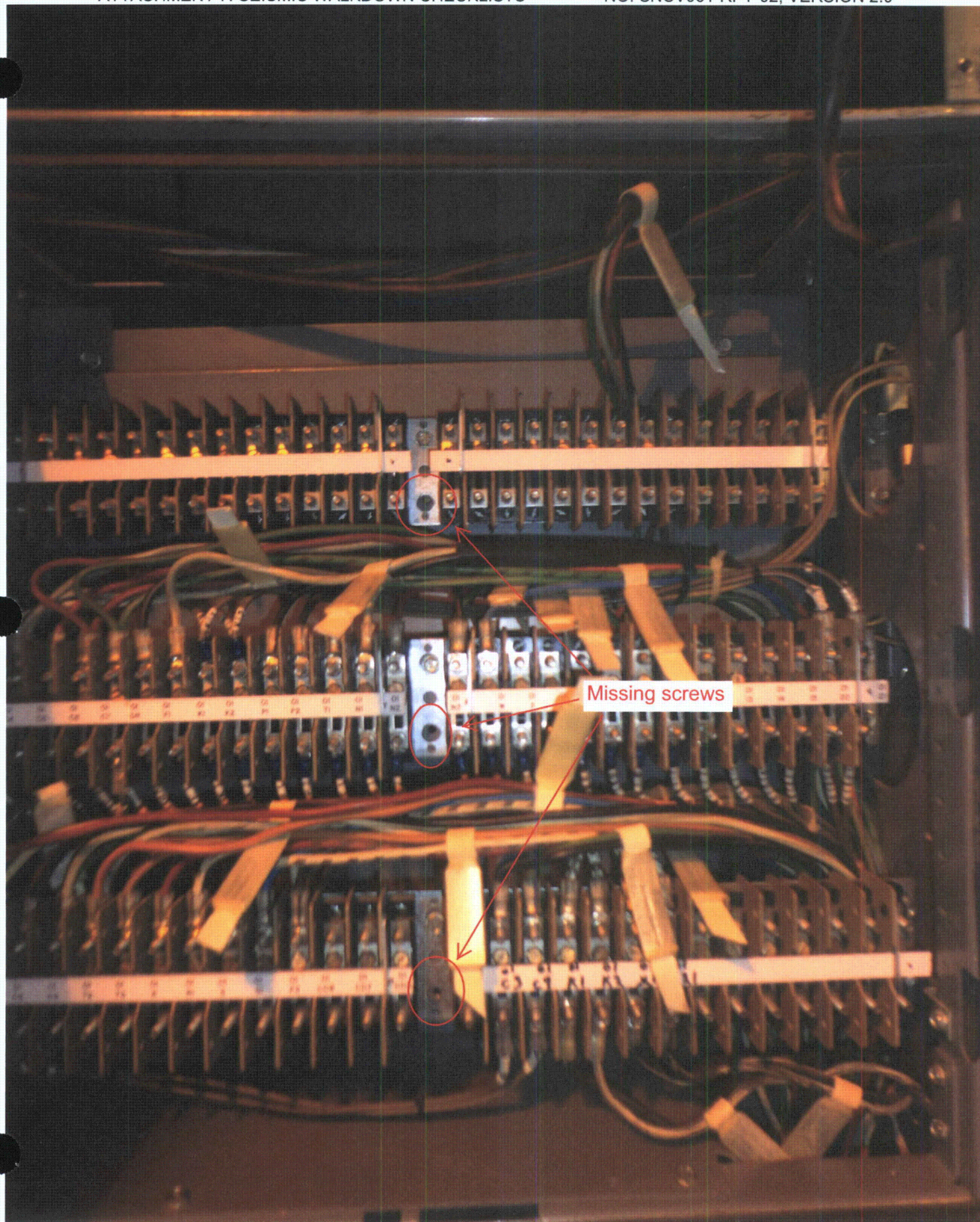
Evaluated by: José R. Hernández Date: 3/11/2013
Justo S. Chacon 3/11/13











Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1205-S3-B04 Equip. Class¹² 2-Low Voltage Switchgear and Breaker PanelEquipment Description 480V Switchgear 2AB04Location: Bldg. Control Floor El. 180'-0" Room, Area B04

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (see SWC dated 8/28/12)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ N ☒
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-S3-B04 Equip. Class ¹²Low Voltage Switchgear and Breaker PanelEquipment Description 480V Switchgear 2AB04**Interaction Effects** (see SWC dated 8/28/12)

7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☒ N/A ☐
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐
9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐

Other Adverse Conditions

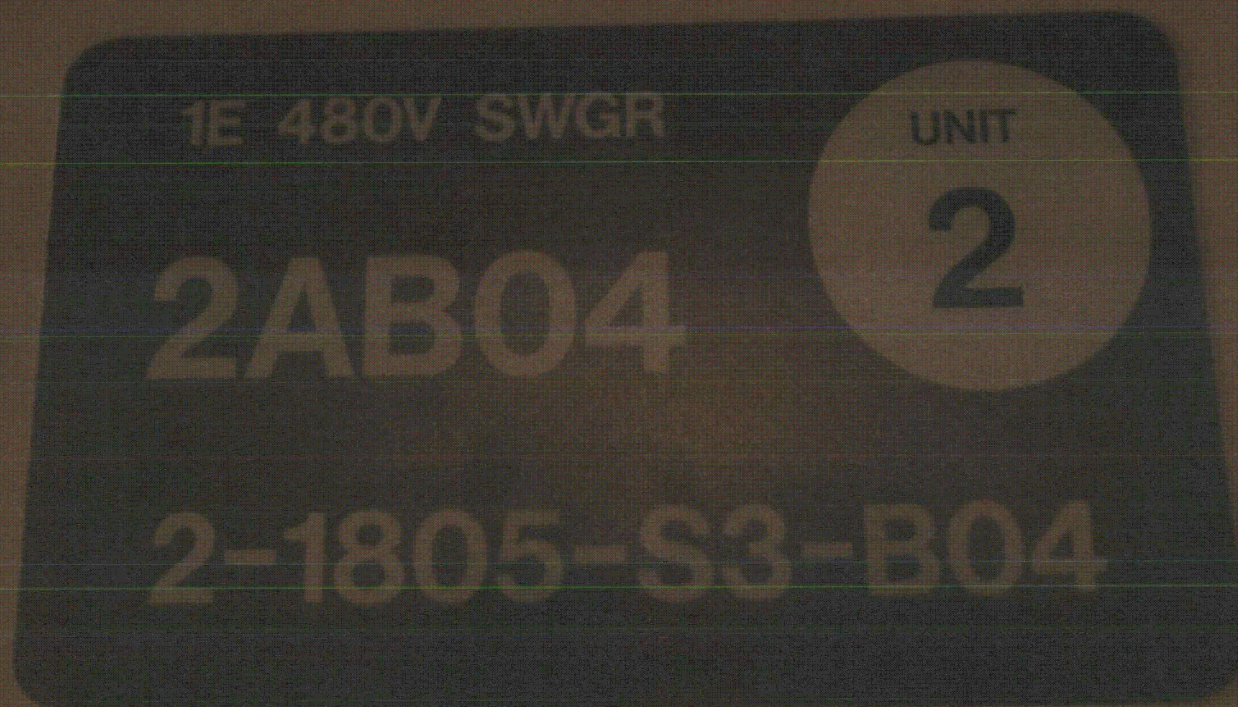
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐

A visual inspection of the internal components of this cabinet was performed on 3/22/13 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found.

Comments (Additional pages may be added as necessary)

None.

Evaluated by: Jose B. Hernandez Date: 3/22/13Justo S. Chacon 3/22/13



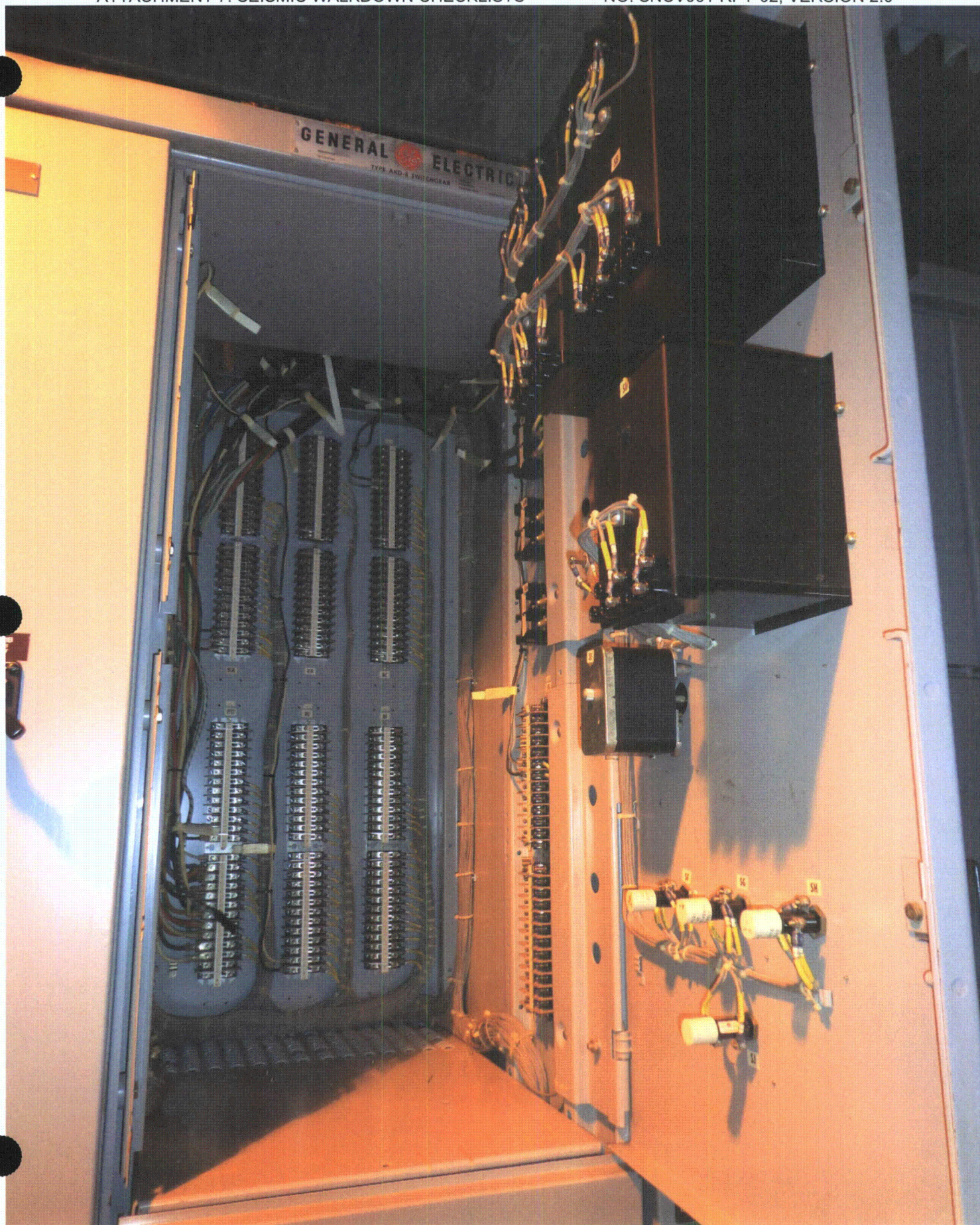
03 20 2013











Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-S3-RH1A Equip. Class¹² 16-Battery Chargers and InvertersEquipment Description STARTER/RH 2-HV-8701BLocation: Bldg. Control Floor El. 180'-0" Room, Area RB26

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (see SWC dated 8/29/12)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ N ☐
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-53-RHR1A Equip. Class¹² 16-Battery Chargers and InvertersEquipment Description STARTER / RHR 2-HV-8701B**Interaction Effects** (See SWC dated 8/29/12)7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☐ N/A ☐8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐**Other Adverse Conditions**

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? A visual inspection of the internal components of this cabinet was performed on 1/15/2013 to check for other adverse conditions. In particular, the SW E team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found.

Comments (Additional pages may be added as necessary)

None.

Evaluated by: José R. HernándezDate: 01/15/2013Justo S. Cimcon1/15/13





01 15 2013

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-Y3-IC5 Equip. Class¹² 16- Battery Chargers and InvertersEquipment Description RHR ISO VLV INVERTERLocation: Bldg. Control Floor El. 180'-0" Room, Area RB26

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (see SWC dated 8/29/2012)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ N ☒
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1805-Y3-IC5 Equip. Class¹² 16-Battery Chargers and InvertersEquipment Description RHR ISO VLV INVERTER**Interaction Effects** (See SWC dated 8/29/2012)7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☐ N/A ☐8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐**Other Adverse Conditions**

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐
Of this cabinet was performed on 1/15/13 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found.

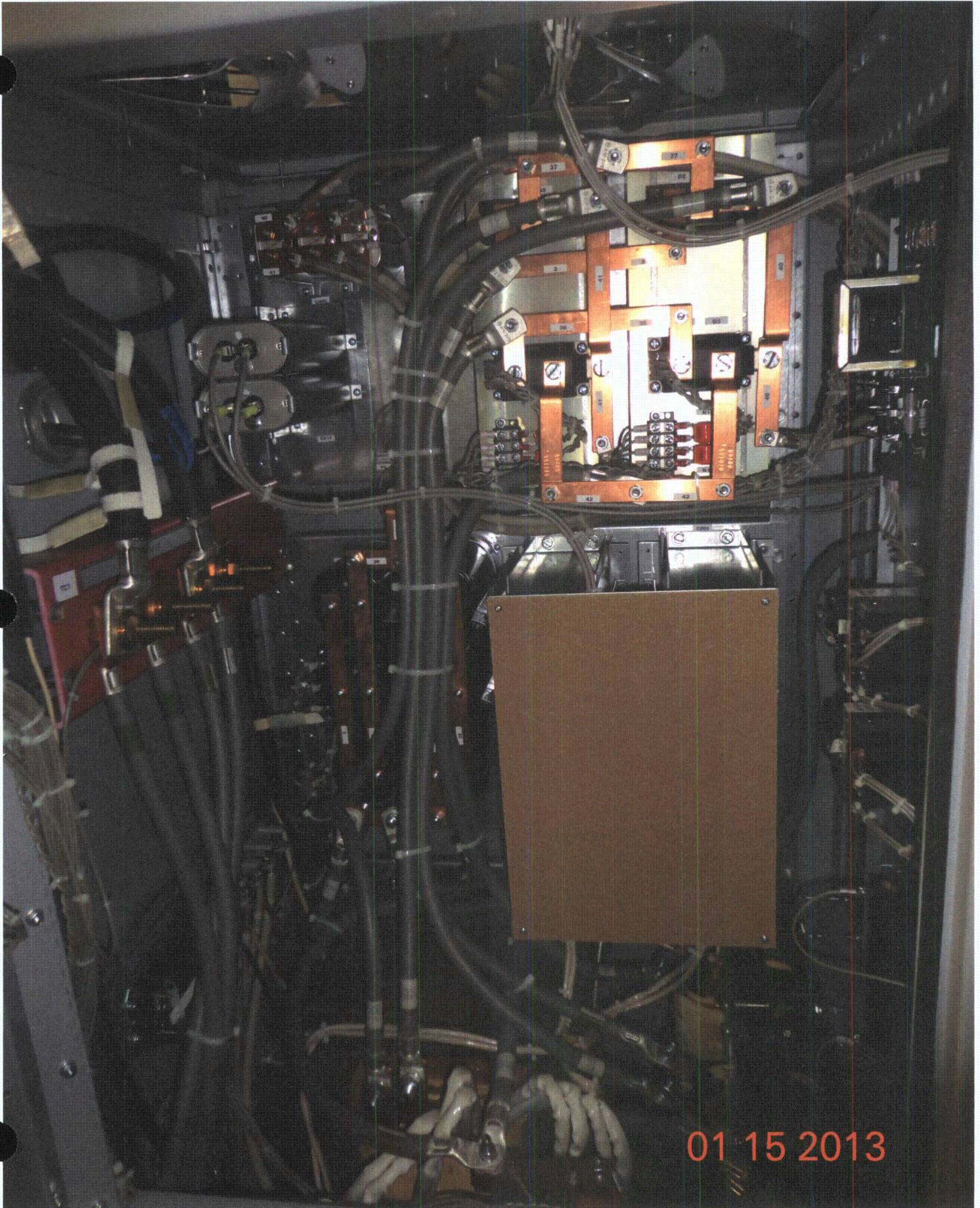
Comments (Additional pages may be added as necessary)

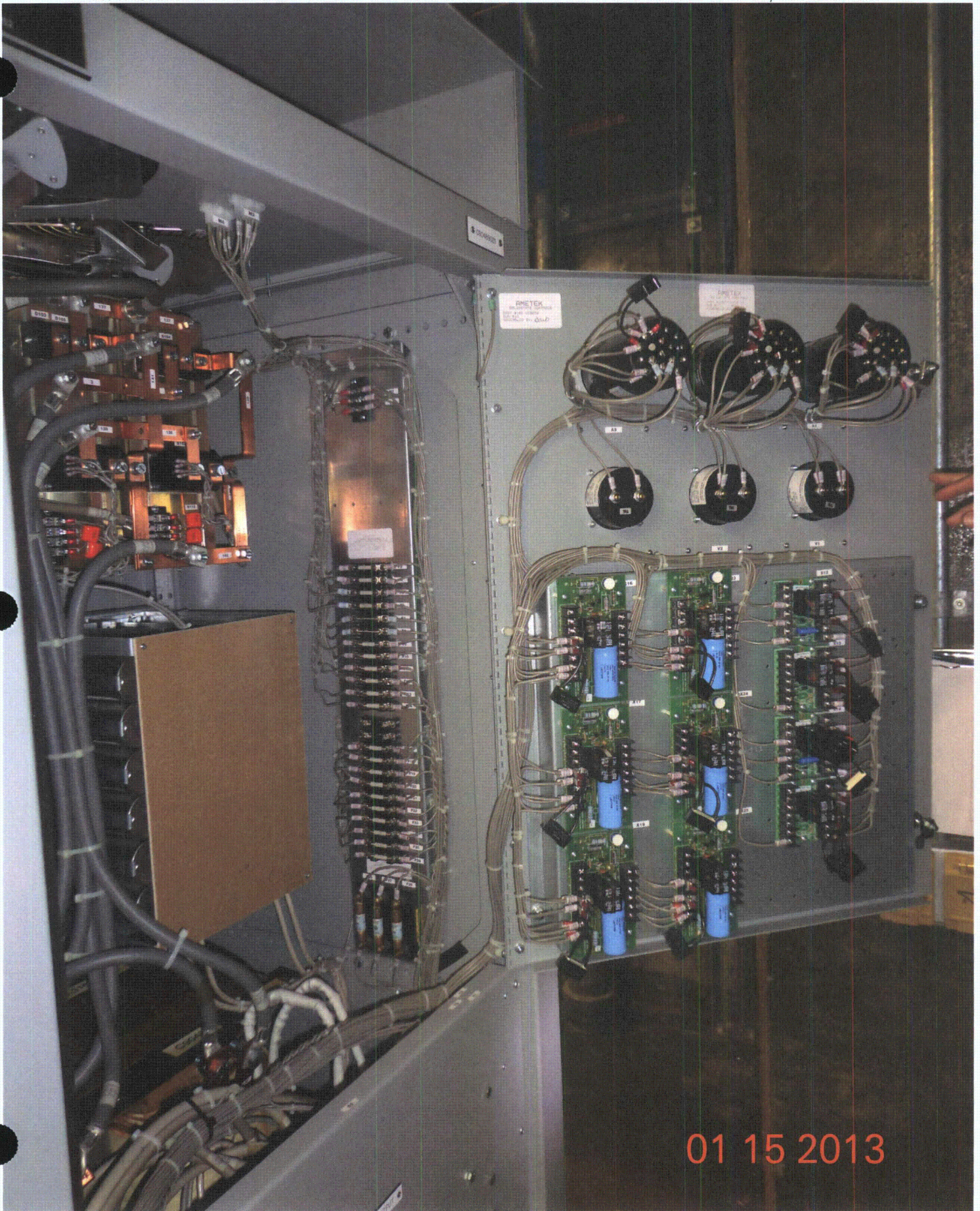
This cabinet is in perfect condition given that it was recently installed.

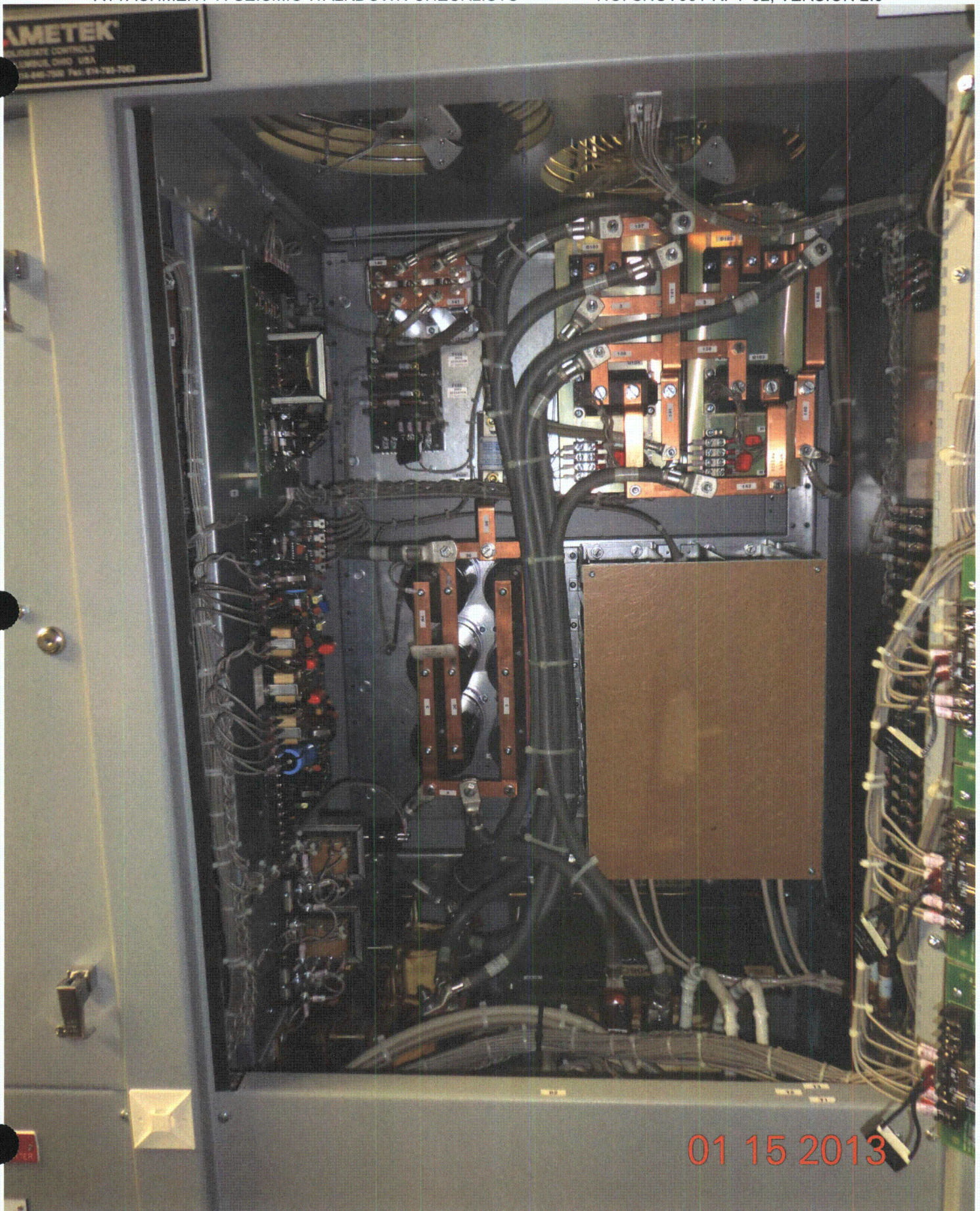
Evaluated by: [Signature] / José R. Hernández Date: 1/15/13[Signature] / Justo S. Guacón 1/15/13











01 15 2013

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1807-V3-1D4 Equip. Class¹² 16-Battery Chargers and InvertersEquipment Description Vital AC Inverter 2DD114Location: Bldg. Control Floor El. 180'-0" Room, Area R B31

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (See SWC dated 8/16/12)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ N ☒
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1807-Y3-ID4 Equip. Class¹² 16-Battery Chargers and InvertersEquipment Description Vital AC Inverter 200114**Interaction Effects** (See SWC dated 8/16/12)7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☒ N/A ☐8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐**Other Adverse Conditions**

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐
 of this cabinet was performed on 3/12/13 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found.

Comments (Additional pages may be added as necessary)

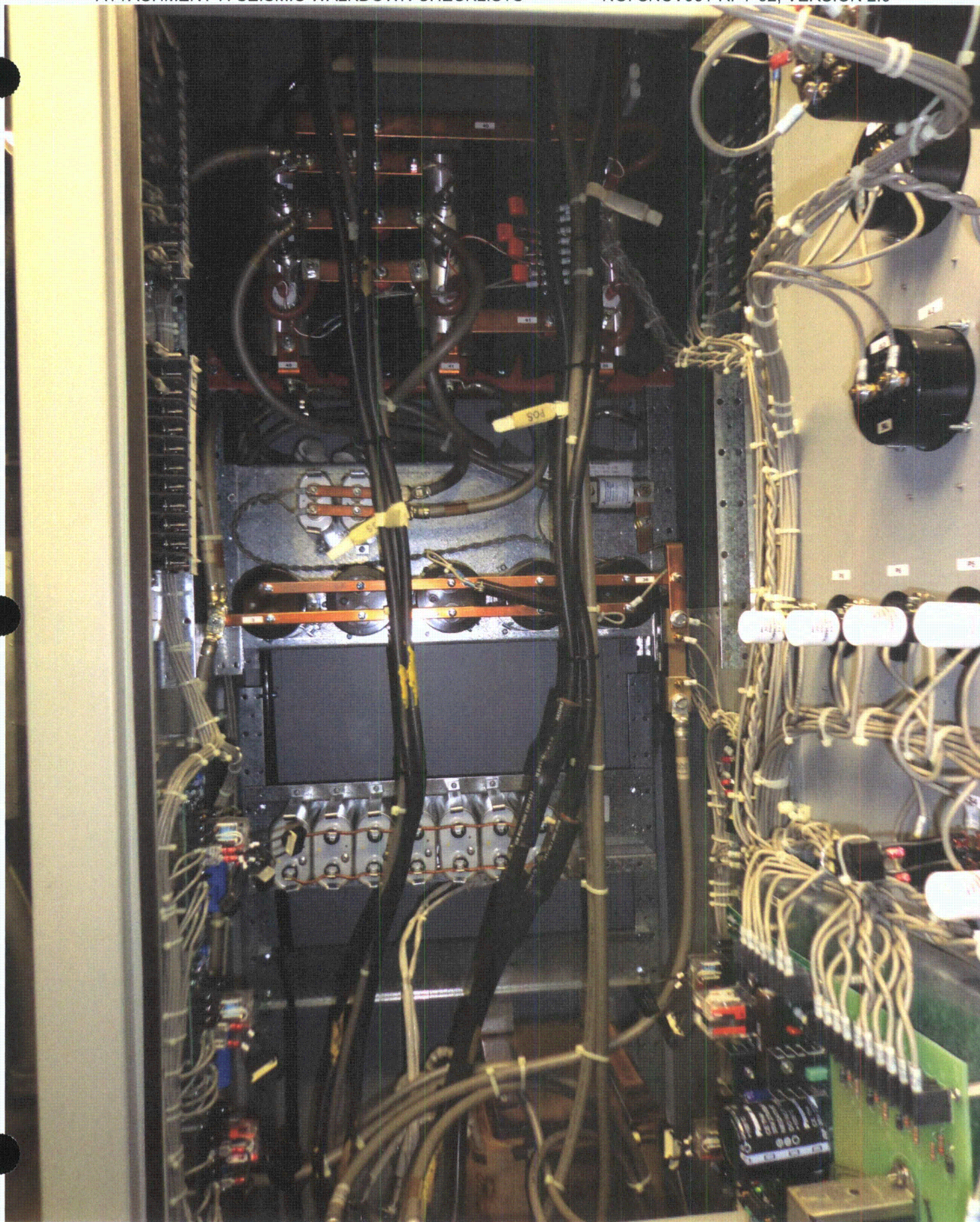
A visual check was made to verify the IEEE outlier fix was actually implemented. The fix consisted of removing a cable wedged between Cabinets 2-1807-Q3-V14 and 2-1807-Y3-ID4. During the inspection previously performed for Component 2-1807-Q3-V14 on 1/08/13 it was confirmed that the cable was removed.

Evaluated by: José R. Hernández Date: 3/12/13

[Signature] / Justo S. Chacon 3/12/13







Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1806-B3-CAA Equip. Class¹² 16 - Battery Chargers & InvertersEquipment Description Battery Charger 2AD1CALocation: Bldg. Control Floor El. 180'-0" Room, Area RB29

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage (See SWC dated 8/28/12)

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y ☐ ☒ X
2. Is the anchorage free of bent, broken, missing or loose hardware? Y ☐ N ☐ U ☐ N/A ☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y ☐ N ☐ U ☐ N/A ☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y ☐ N ☐ U ☐ N/A ☐
5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y ☐ N ☐ U ☐ N/A ☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☐ N ☐ U ☐

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Seismic Walkdown Checklist (SWC)Equipment ID No. 2-1806-B3-CAA Equip. Class¹² 16-Battery Chargers & InvertersEquipment Description Battery Charger 2ADICA**Interaction Effects** (see SWC dated 8/28/12)7. Are soft targets free from impact by nearby equipment or structures? Y ☐ N ☐ U ☒ N/A ☐8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y ☐ N ☐ U ☐ N/A ☐9. Do attached lines have adequate flexibility to avoid damage? Y ☐ N ☐ U ☐ N/A ☐10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y ☐ N ☐ U ☐**Other Adverse Conditions**

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐
Of this cabinet was performed on 3/18/13 to check for other adverse conditions. In particular, the SWE team looked to verify internal components were adequately secured, any necessary fasteners connecting adjacent cabinets were in place, as well as searching for missing or damaged bolts/screws/connections. No adverse conditions were found.

Comments (Additional pages may be added as necessary)

For an old cabinet it is very well maintained.

Evaluated by: [Signature] / José R. Hernández Date: 3/18/13[Signature] / Juste S. Chacon 3/18/13





03 18 2013

