Sheet 1 of 2
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-V15 Equip. Class[12] 14

Equipment Description 120 VAC VITAL DIST PANEL 1AY2A

Location: Bldg. AUX Floor El. 220'-0" Room, Area R118

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☐

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☐

DWG # A443AF01-54-4 & PREVIOUS 1 PAGE

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. 1-1807-03-VIS Equip. Class[12] 14

Equipment Description 120 VAC VITAL DIST PANEL 1AY24

Interaction Effects

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☐

3½" CLEAR TO WALL

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☐

Comments (Additional pages may be added as necessary)

NONE

Evaluated by: James Duval / JAMES DUVAL Date: 9-4-2012

Winston Stewart / Winston Stewart 09/04/2012


1AY2A 120 VAC PNL
110
Lewis Rous
Is Area Owner
Under 00352-C
General Plant
Housekeeping for
V1AB-106, 107, 108, 110,
111, 113, 114
09 04 2012

Sheet 1 of 2
Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-V15 Equip. Class[12] 14

Equipment Description 120 VAC Vital Distribution Panel 1AY2A

Location: Bldg. Aux Floor El. 220'-0" Room, Area R118

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 9/04/12)

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. 1-1807-Q3-V15 Equip. Class[12] 14

Equipment Description 120 VAC Vital Distribution Panel 1AY2A

Interaction Effects (See SWC dated 9/04/12)

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

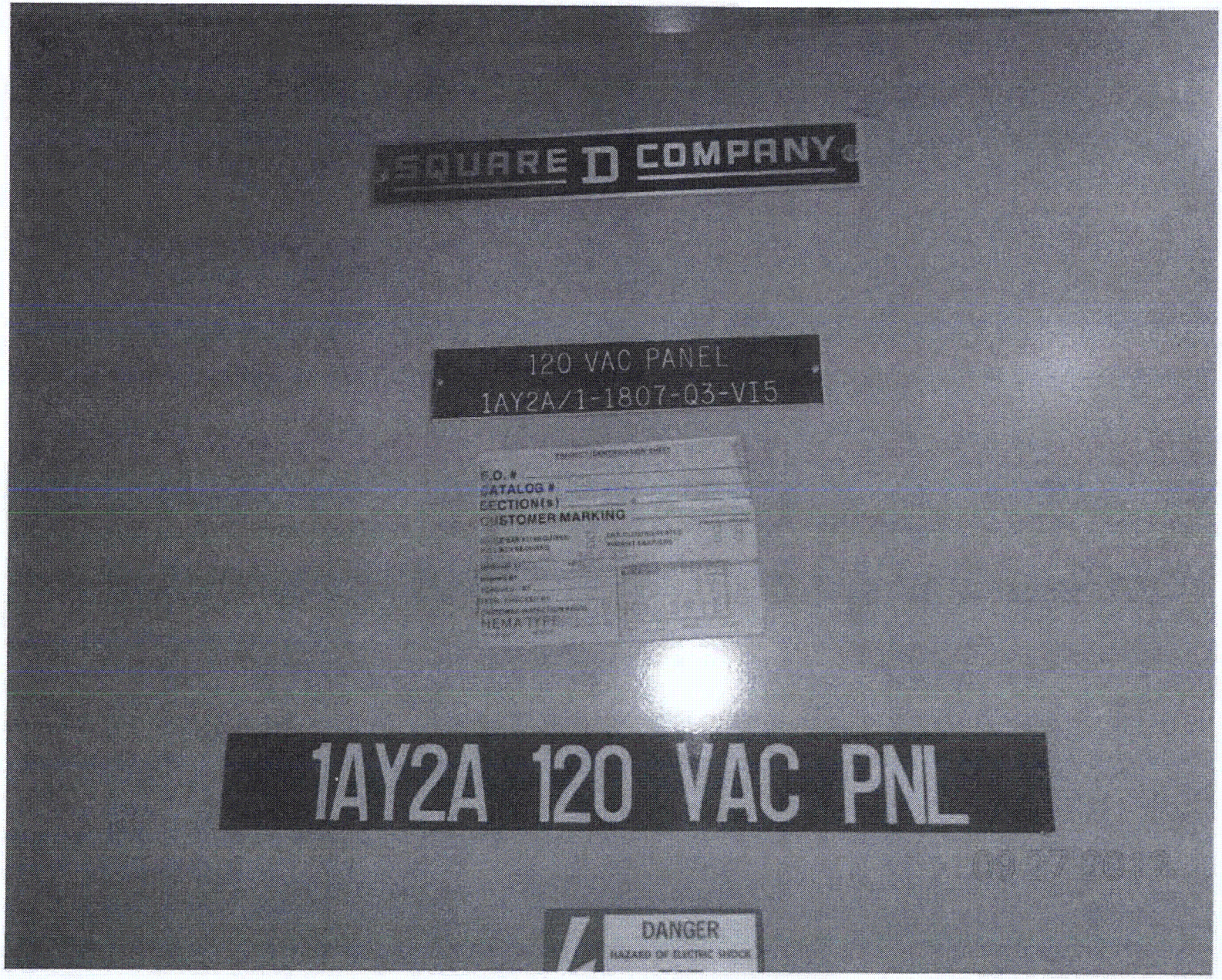
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐
A visual inspection of the internal components of this cabinet was performed to check for seismic adequacy to include any evidence of internal components not adequately secured, checked to ensure fastener connecting adjacent cabinets were in place, and evidence of other adverse seismic conditions. No adverse conditions were found.

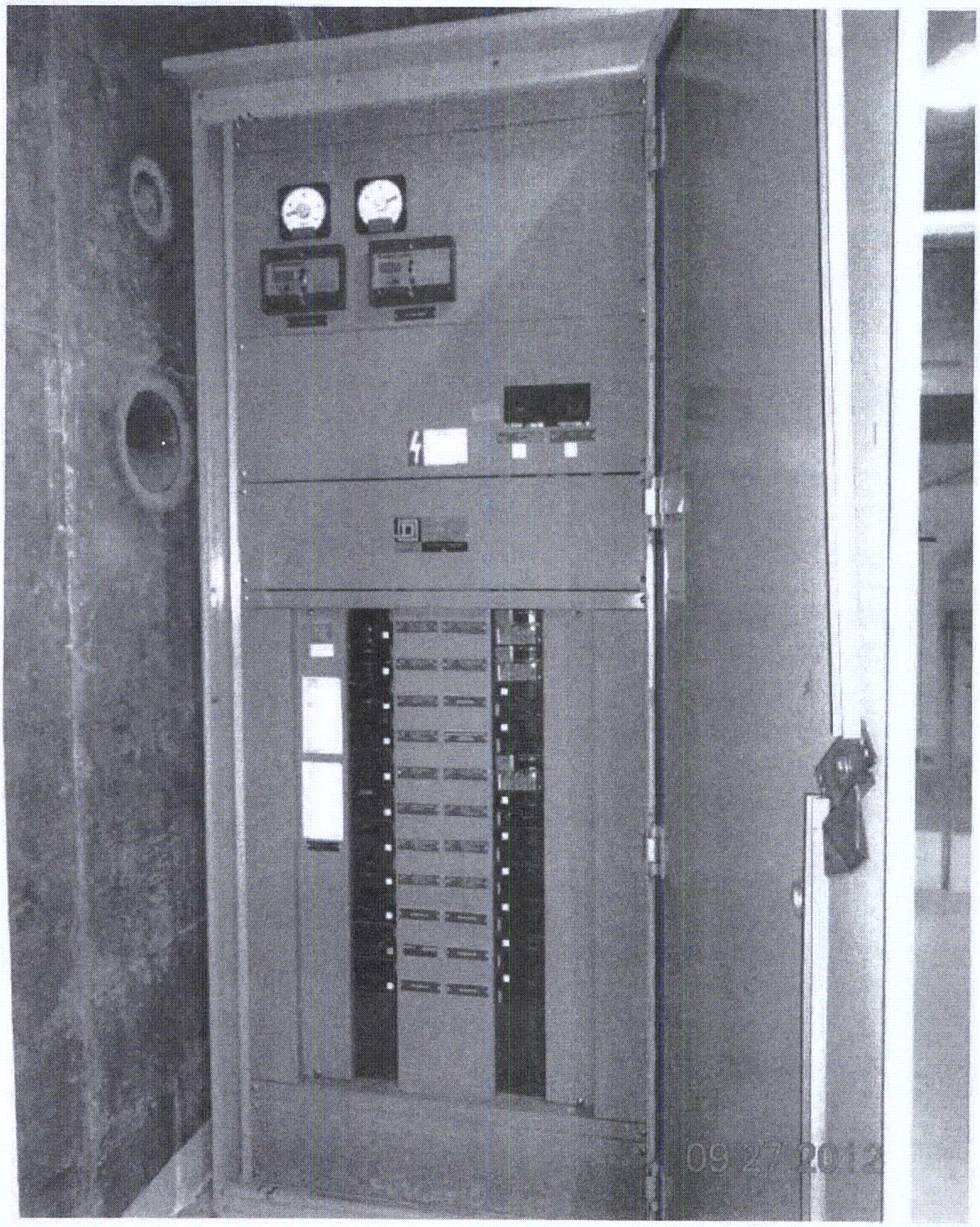
Comments (Additional pages may be added as necessary)

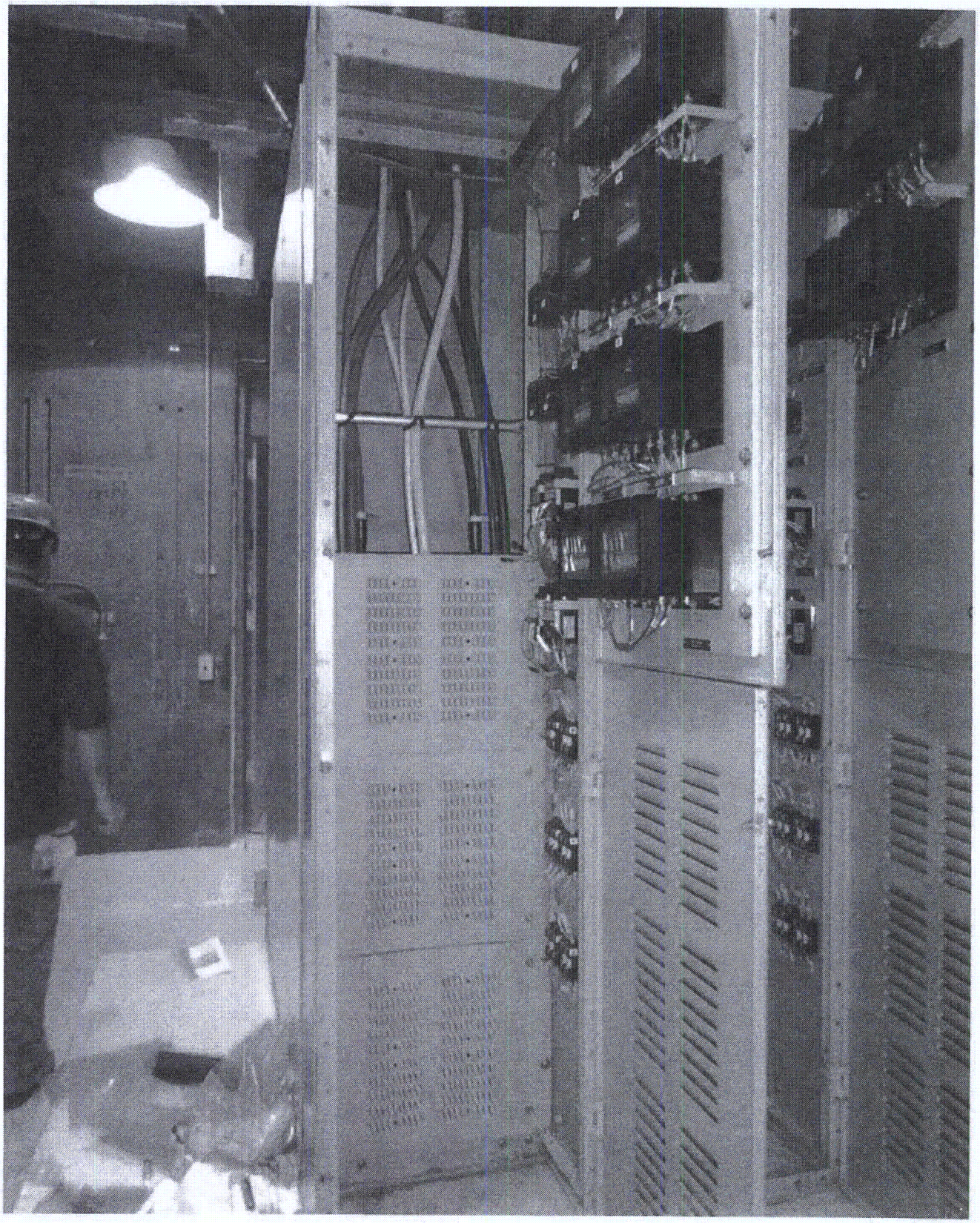
None.

Evaluated by: /Josi N. Hernandez Date: 9/27/12

/Justo S. Chacon 9/27/12


SQUARE D COMPANY
120 VAC PANEL
1AY2A/1-1807-03-VI5
S.O. #
CATALOG #
SECTION(s)
CUSTOMER MARKING
NEMA TYPE
1AY2A 120 VAC PNL
DANGER
HAZARD OF ELECTRIC SHOCK


09 27 2012



Sheet 1 of 2
Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-VI3 Equip. Class[12] 14 (Distribution Panel)

Equipment Description 120 VAC Vital Panel 1CY1A

Location: Bldg. Control Floor El. 180' Room, Area RB55

Manufacturer, Model, Etc. (optional but recommended) Square D

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☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☑ N☐ U☐ N/A☐
   Panel base welded to embed pl
   Fillet welds are good condition.
   stiffener

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☑ N☐ U☐ N/A☐
   No corrosion at welds.

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

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. 1-1807-03-VI3 Equip. Class[12] 14 (Distribution Panel)

Equipment Description 120 VAC Vital Panel 1CY1A

Interaction Effects

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

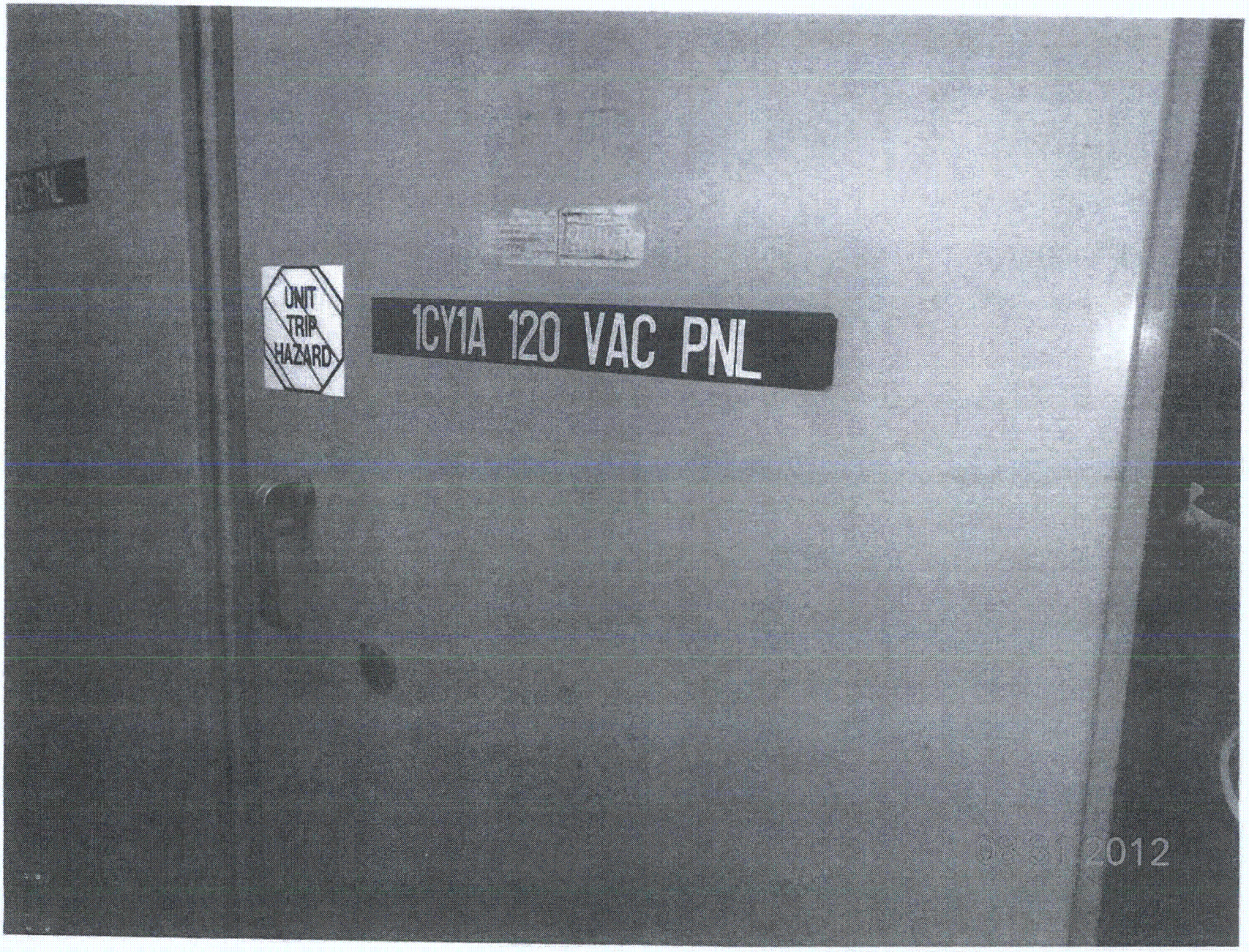
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☑ N☐ U☐

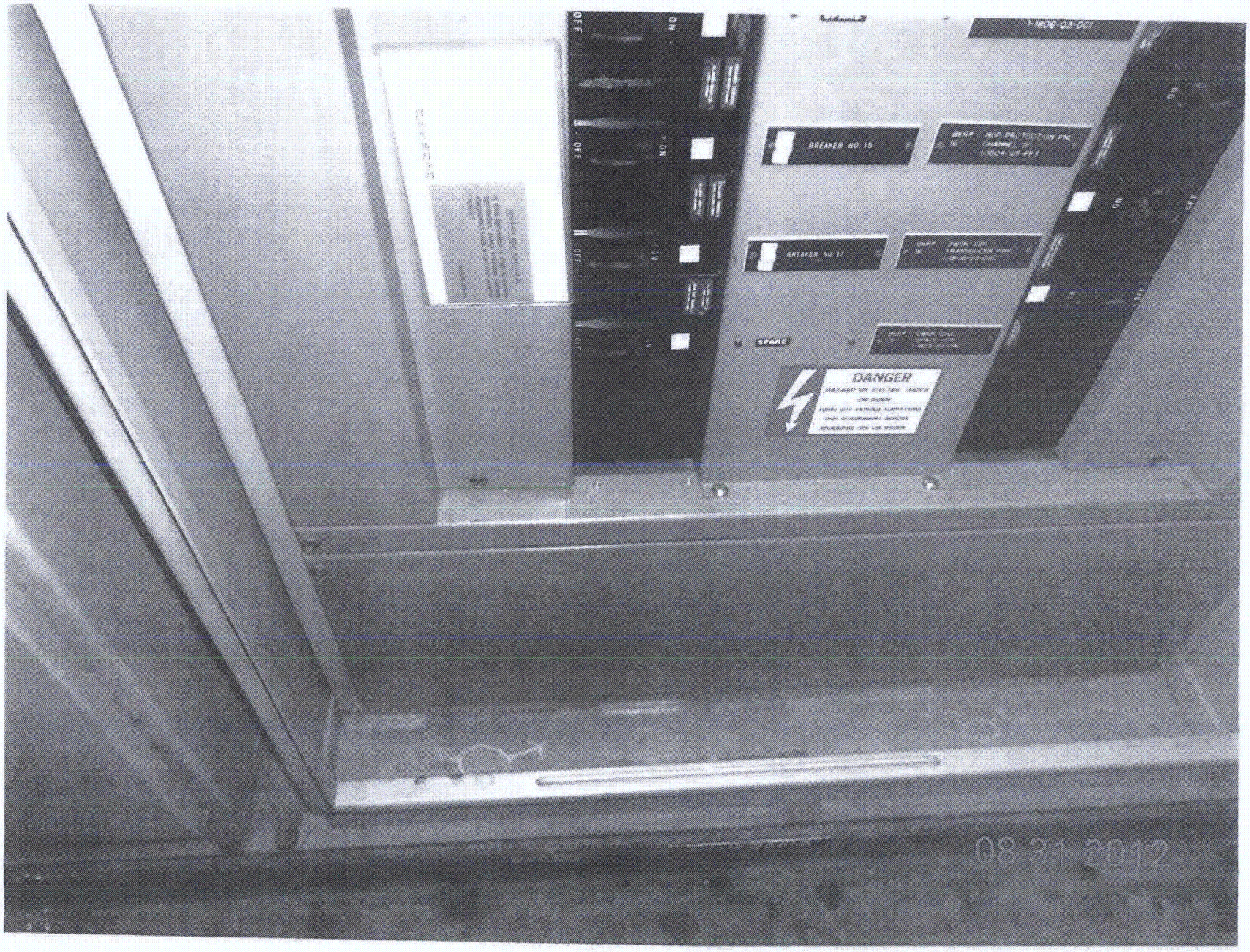
Comments (Additional pages may be added as necessary)

None.

Evaluated by: Frank Yao / [signature] Date: 8/31/12

Winston Steward / [signature] 08/31/2012


UNIT
TRIP
HAZARD
1CY1A 120 VAC PNL


OFF
ON
BREAKER NO. 15
BREAKER NO. 17
SPARE
DANGER
08 31 2012

Sheet 1 of 2
Status: Y (N) U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-V13 Equip. Class[12] 14

Equipment Description 120 VAC Vital Panel 1CY1A

Location: Bldg. Control Floor El. 180'-0" Room, Area R 855

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 SWCs dated 8/21/12 and 8/31/12)

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. 1-1807-Q3-V13 Equip. Class[12] 14

Equipment Description 120 VAC Vital Panel 1CY1A

Interaction Effects (See SWCs dated 8/21/12 and 8/31/12)

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

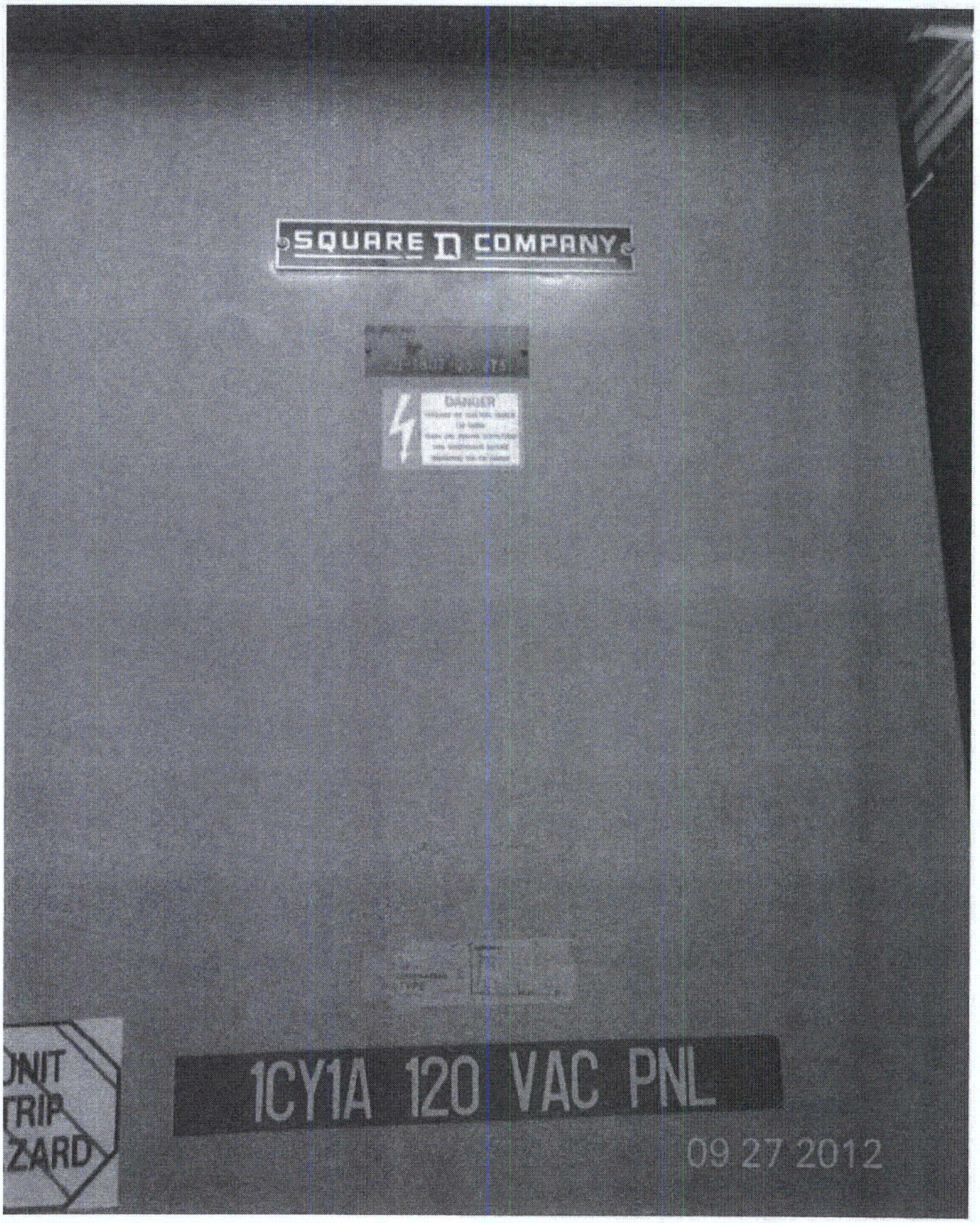
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☐ N☒ U☐
A visual inspection of the internal components of this cabinet was performed to check for seismic adequacy to include any evidence of internal components not adequately secured, checked to ensure fasteners connecting adjacent cabinets were in place, and evidence of other adverse seismic conditions. One (1) bolt that connects the inner frame with the cabinet is missing. See "Comments" section.

Comments (Additional pages may be added as necessary)

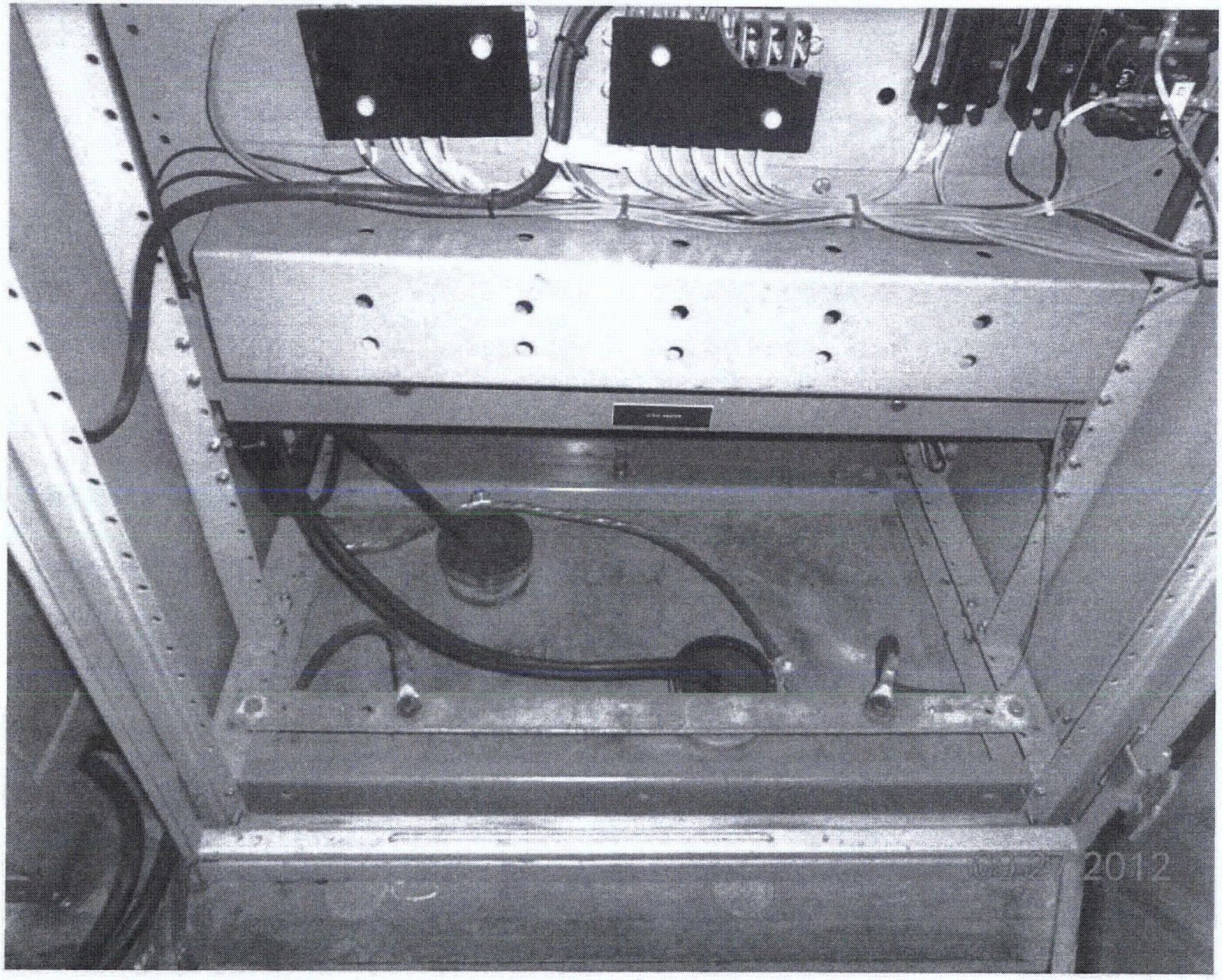
There was found one (1) bolt that connects the inner frame to be missing. An evaluation of this condition needs to be performed to determine seismic adequacy. Condition report 525039 was generated for this condition.

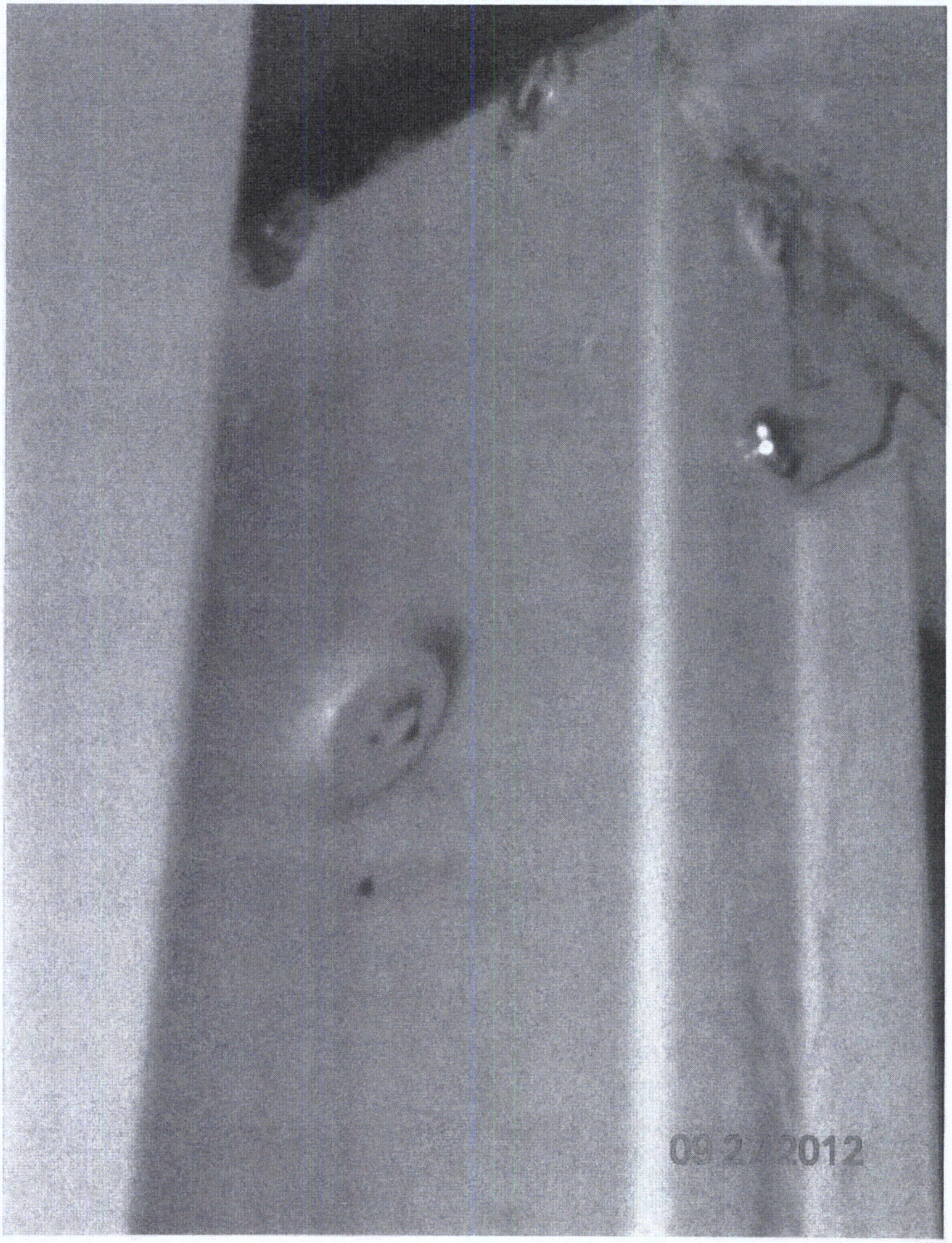
Evaluated by: José R. Hernández Date: 9/27/12

Justo S. Chacon 9/27/12


SQUARE D COMPANY
DANGER
1CY1A 120 VAC PNL
09 27 2012


09 27 2012




09 2 /2012

Sheet 1 of 2
Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-VI2 Equip. Class[12] 14 (Distribution Panels)

Equipment Description 120 VAC Vital Panel 1B4 1B

Location: Bldg. Control Floor El. 180' Room, Area RB 47

Manufacturer, Model, Etc. (optional but recommended) SQUARE D

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☐

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☒
   WELDED CONNECTION.

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☐
   AX3AF01-00054, VER. 4.0

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. 1-1807-Q3-VI2 Equip. Class[12] 14 (Distribution Panels)

Equipment Description 120 VAC Vital Panel 1BY1B

Interaction Effects

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

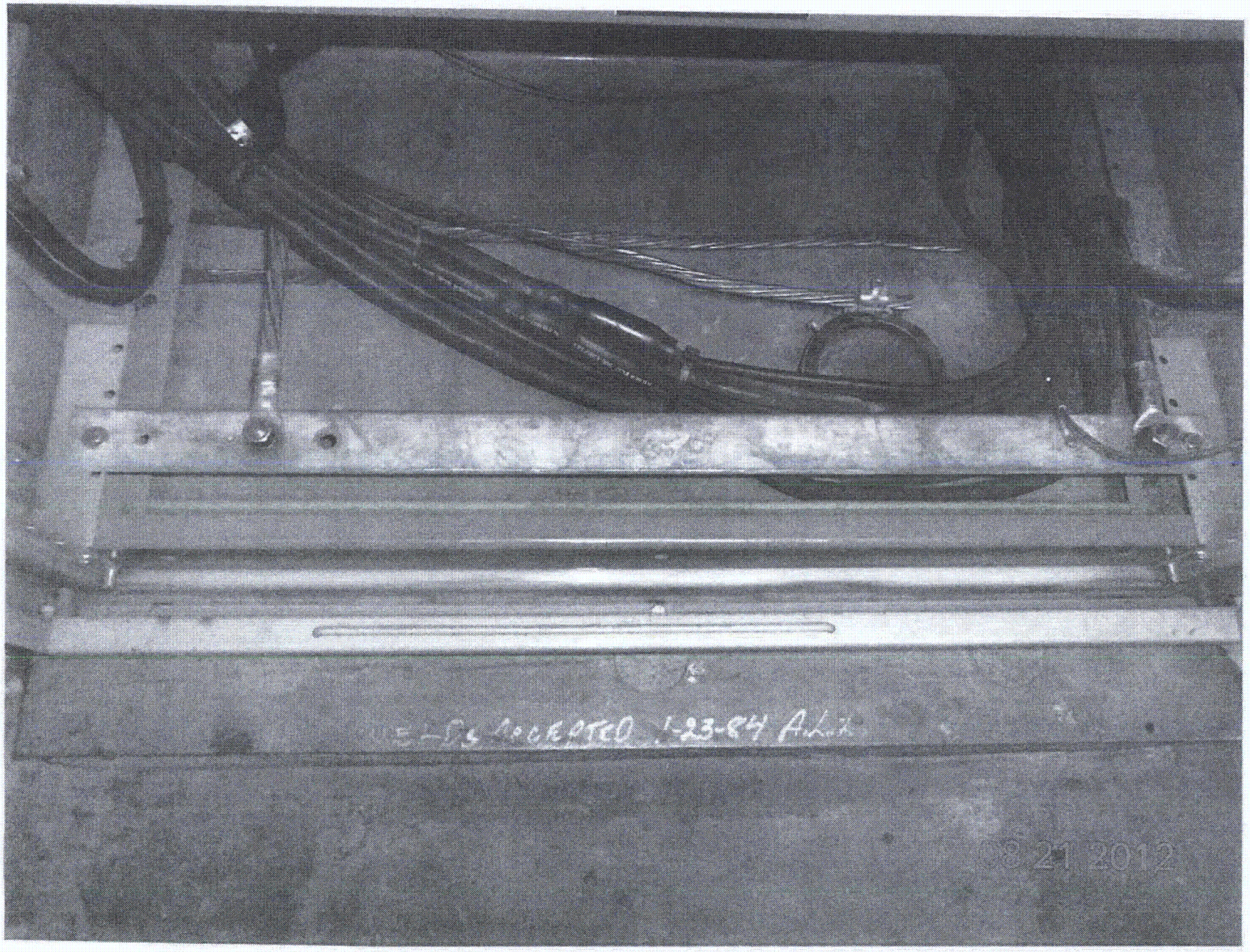
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

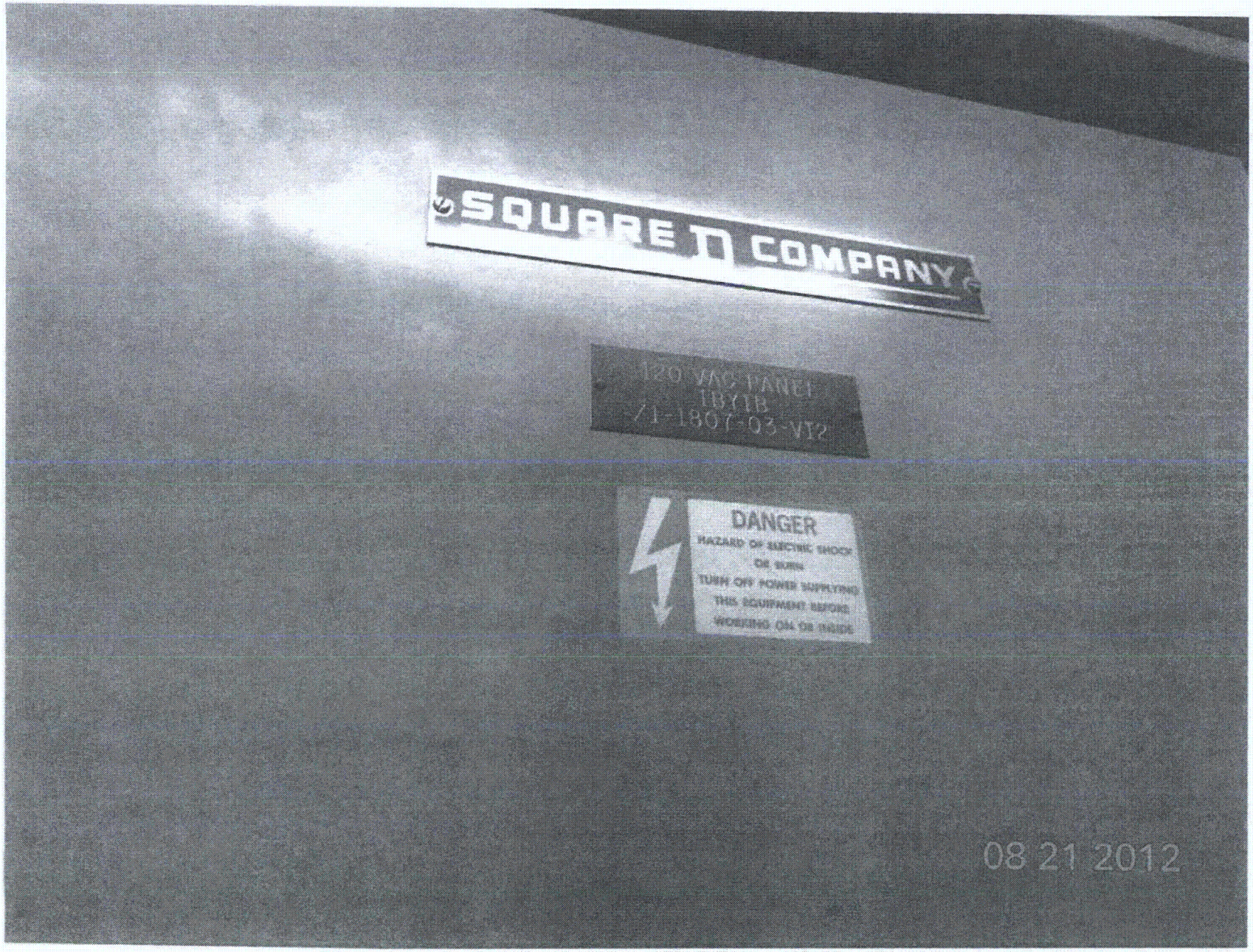
Comments (Additional pages may be added as necessary)

FOR AREA WALK-BY CHECKLIST, SEE 1-1806-S3-DSB.
LIGHTING FIXTURES HAVE CLOSURE SCREWS

Evaluated by: Matthew Wilkinson Date: 8/21/2012

David Volodarsky DAVID VOLODARSKY 8/21/2012


ACCEPTED 1-23-84 A.L.R.
8 21 2012


SQUARE D COMPANY
120 VAC PANEL
DANGER
08 21 2012


DANGER
08 21 2012

Sheet 1 of 2
Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Q3-VT2 Equip. Class[12] 14

Equipment Description 120 VAC Vital Panel 1BY1B

Location: Bldg. Control Floor El. 130'-0" Room, Area R.B.47

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 8/21/12)

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. 1-1807-Q3-V12 Equip. Class[12] 14

Equipment Description 120 VAC Vital Panel 1BY1B

Interaction Effects (See SWC dated 8/21/12)

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

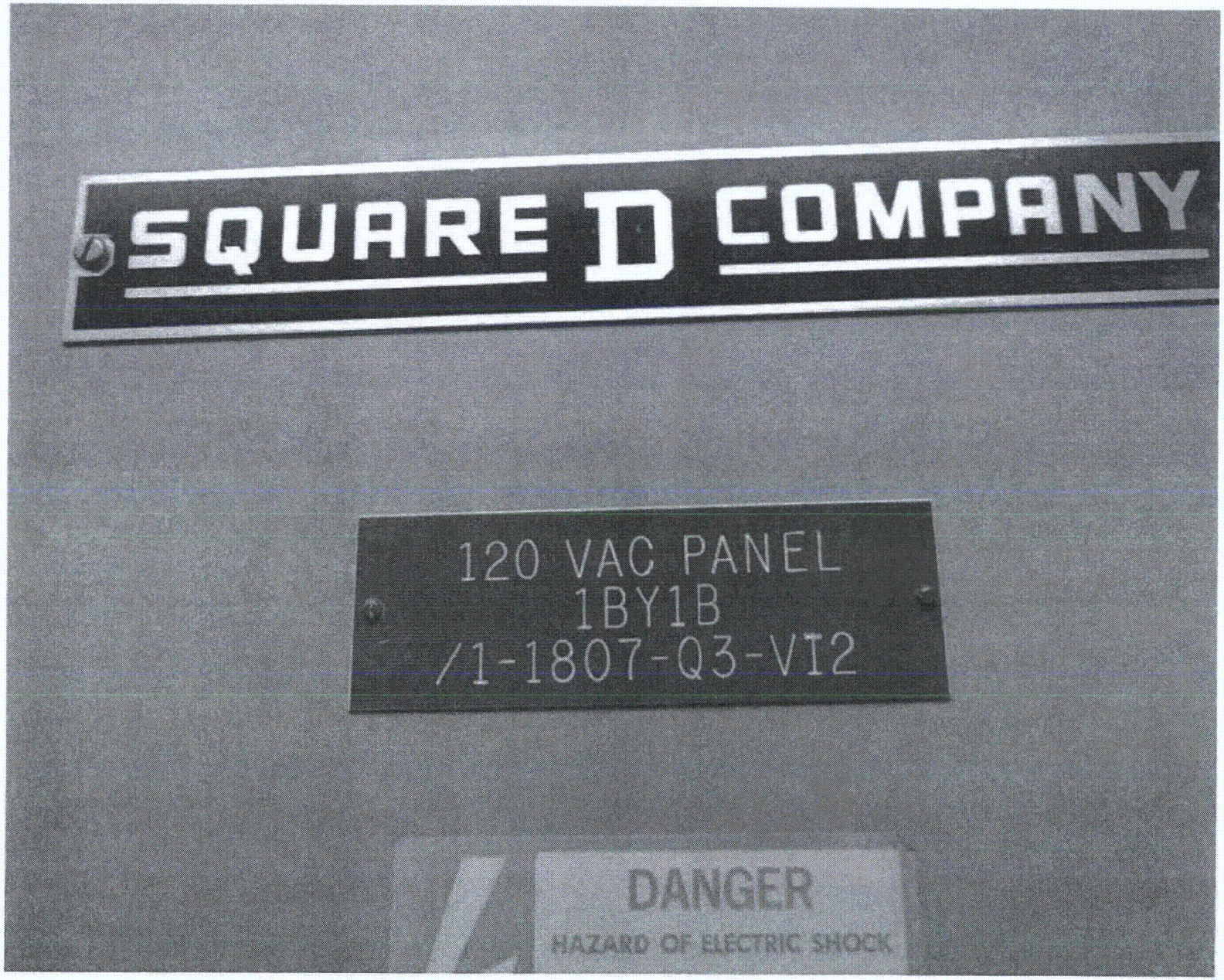
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐
A visual inspection of the internal components of this cabinet was performed to check for seismic adequacy to include any evidence of internal components not adequately secured, checked to ensure fasteners connecting adjacent cabinets were in place, and evidence of other adverse seismic conditions. No significant adverse conditions were found. Some minor issues are documented on the "Comments" section.

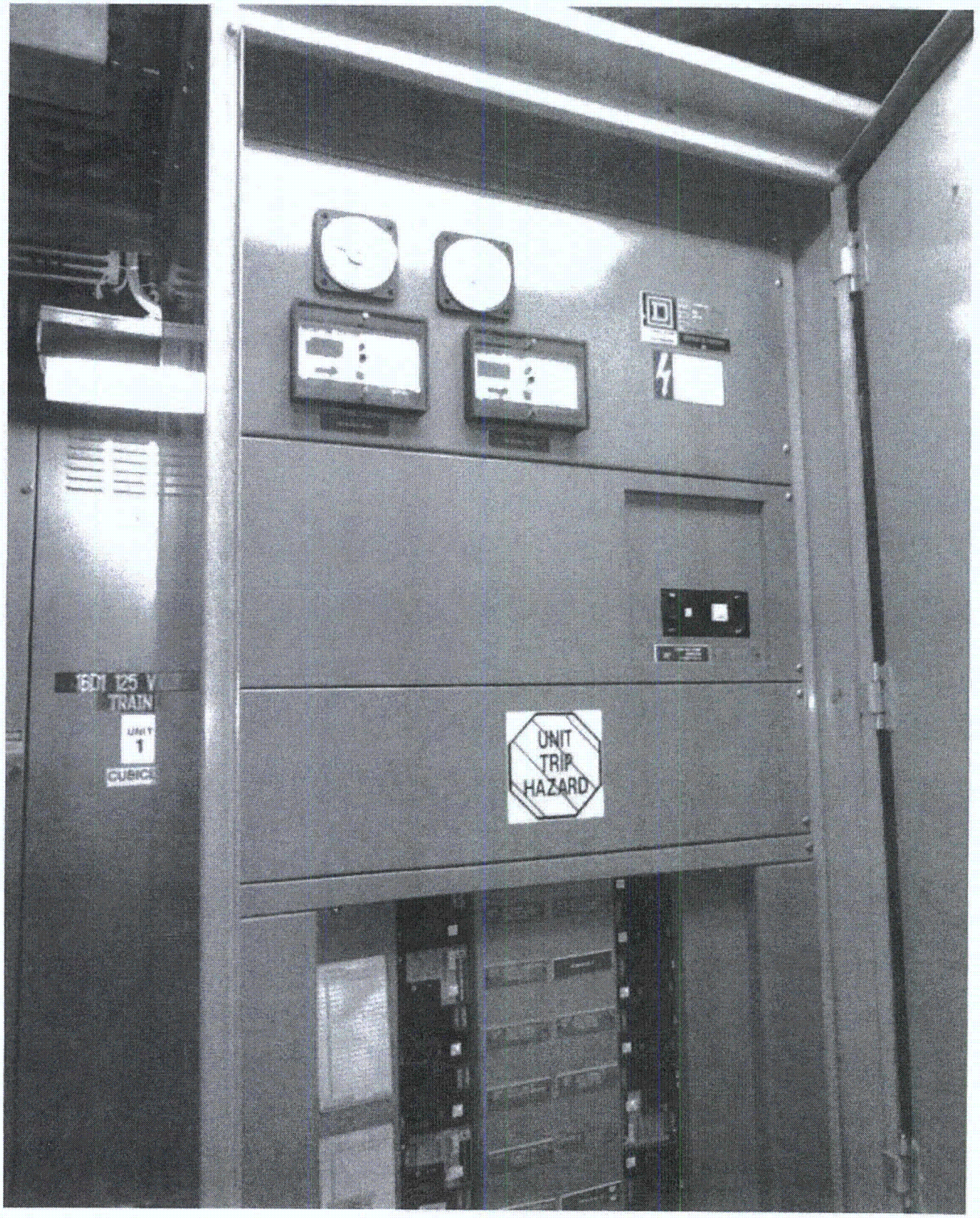
Comments (Additional pages may be added as necessary)

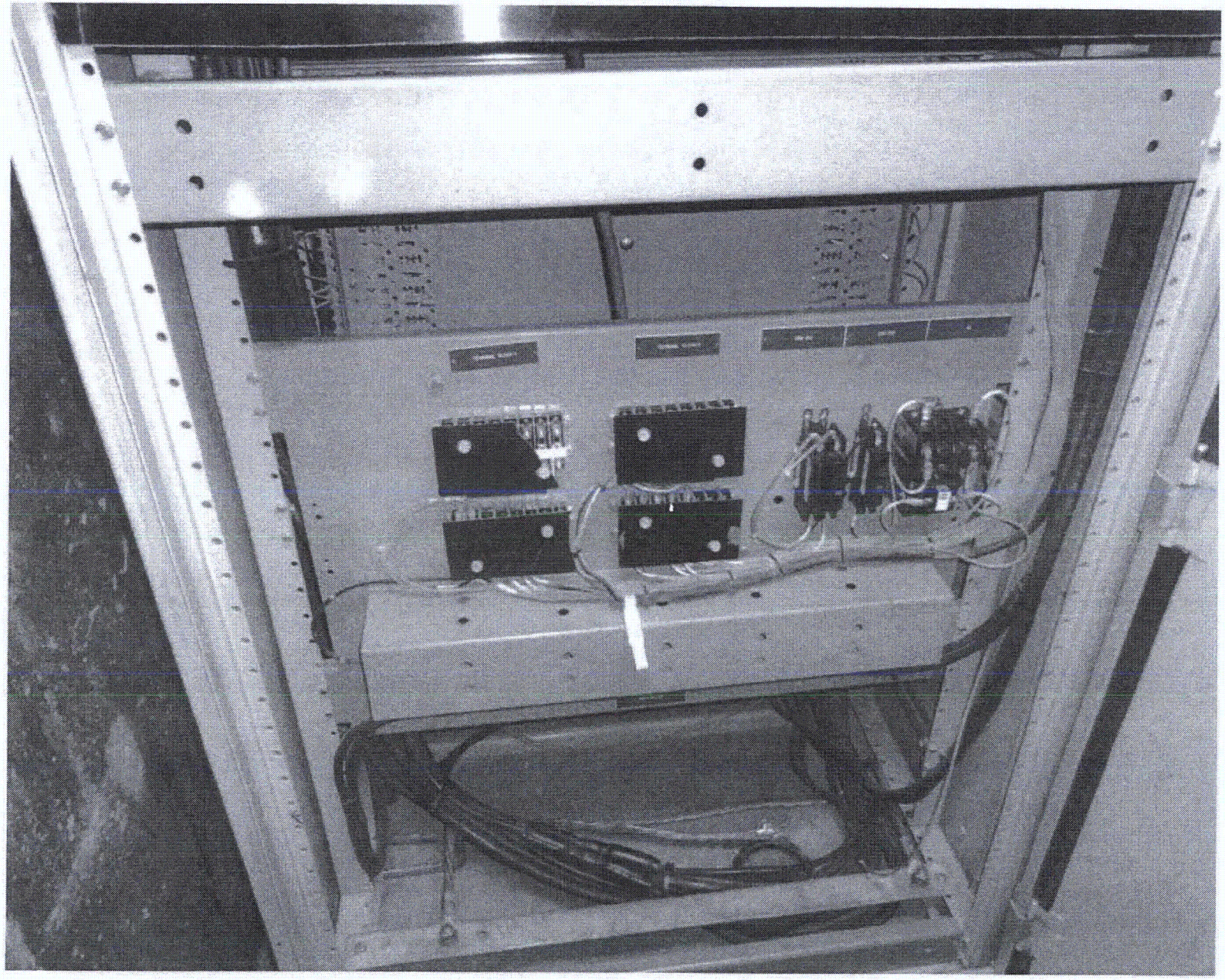
- Found one door hinge pin partially withdrawn and one bolt/screw missing for an isolation panel. It was judged that these conditions do not represent a seismic or operability concern for this panel. A condition report 528375 was generated to document this condition.

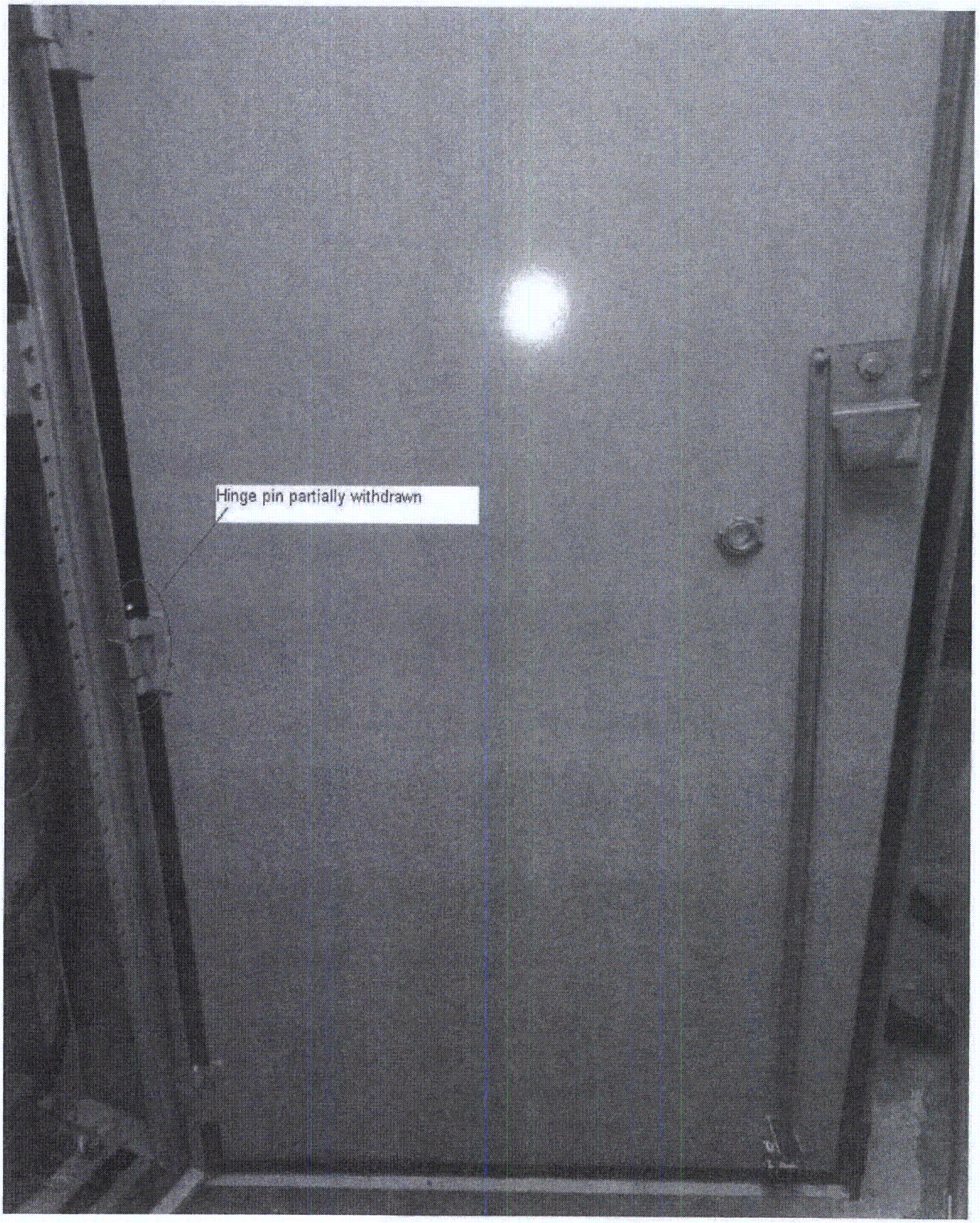
Evaluated by: [signature] / Jose' R. Hernandez Date: 10/01/12

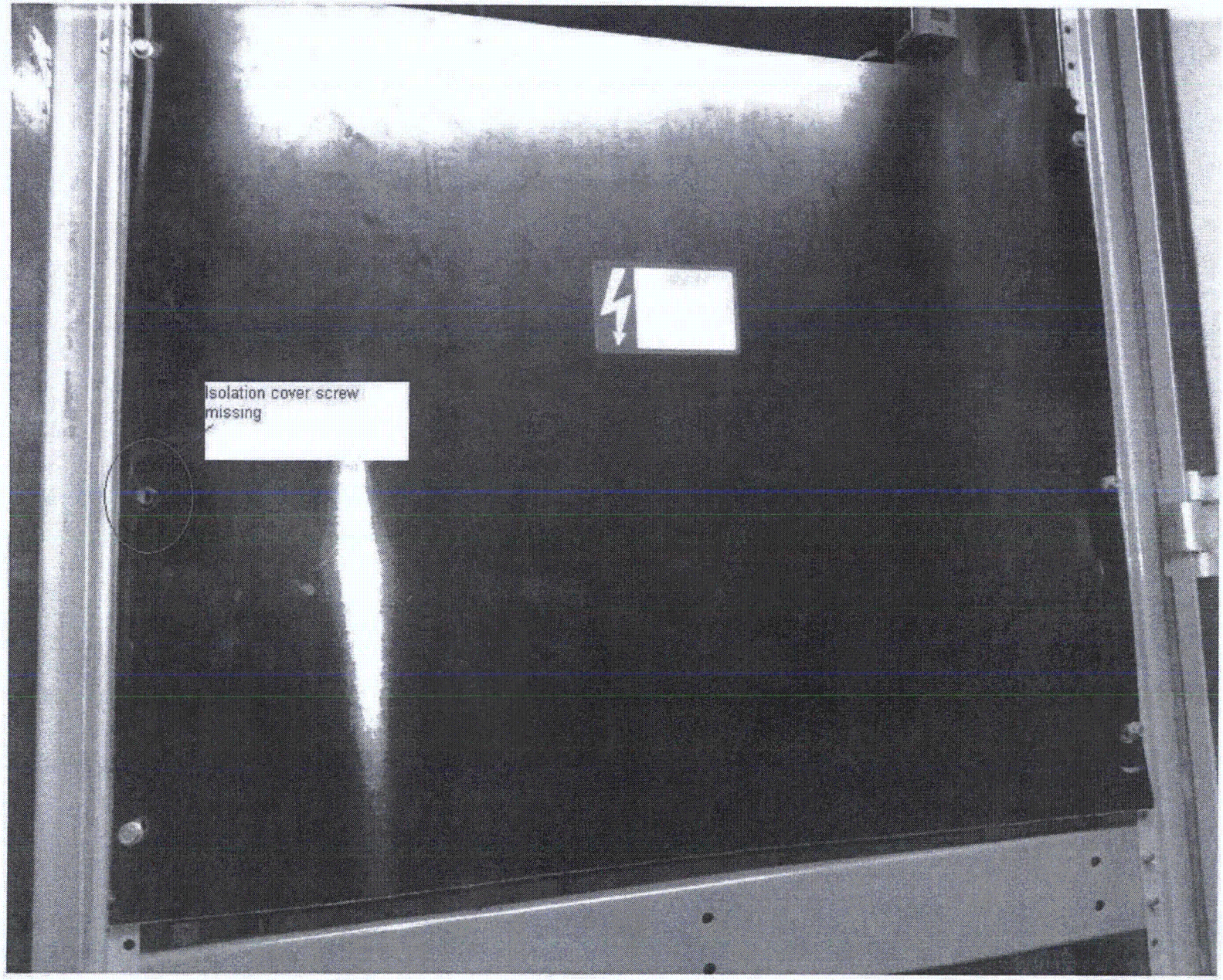
[signature] / JUSTO S. CHACON 10/1/12


SQUARE D COMPANY
120 VAC PANEL
1BY1B
/1-1807-Q3-VI2
DANGER
HAZARD OF ELECTRIC SHOCK


TRAIN
1
UNIT
TRIP
HAZARD




Hinge pin partially withdrawn


Isolation cover screw missing

Sheet 1 of 2
Status Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Y3-IA11 Equip. Class[12] 16 (Battery Chargers and Inverters)

Equipment Description Vital AC Inverter 1AD11

Location: Bldg. Aux Floor El. 220' Room, Area R118

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

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☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☑ N☐ U☐ N/A☐
   Fillet Welds are welded to the base.

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

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☑ N☐ U☐ N/A☐
   Concrete is in good condition around welds

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. 1-1807-Y3-IA11 Equip. Class[12] 16 (Battery Chargers and Inverters)

Equipment Description Vital AC Inverter 1A D1 I11

Interaction Effects

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☐

Comments (Additional pages may be added as necessary)

SEE 1-1805-S3-ABB FOR AREA WALK-BY CHECKLIST (AWC).

Evaluated by: Fred Yao / [signature] Date: 8/29/12

PARIMAL GANDHI / P. Gandhi 8/29/2012


INVERTER
1AD1I11
08 29 2012

Sheet 1 of 2
Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 1-1807-Y3-IA11 Equip. Class[12] 16

Equipment Description Vital AC Inverter 1AD1111

Location: Bldg. Aux Bldg. 10'5/12 Floor El. 220'-0" Room, Area R118

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. 1-1807-Y3-1A11 Equip. Class[12] 16

Equipment Description Vital AC Inverter 1AD1I11

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? Y☒ N☐ U☐

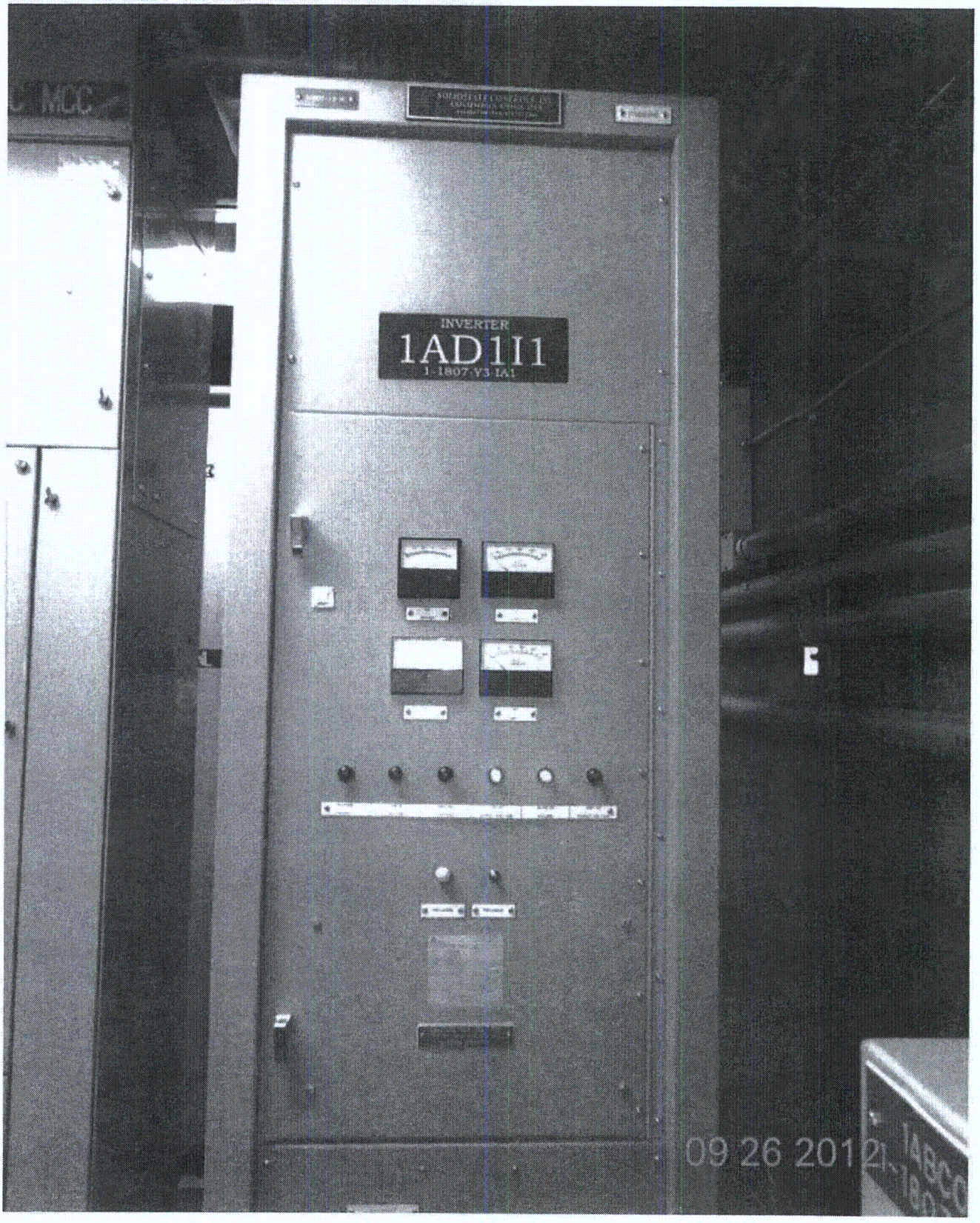
A visual inspection of the internal components of this cabinet was performed to check for seismic adequacy to include any evidence of internal components not adequately secured, checked to ensure fasteners connecting adjacent cabinets were in place, and evidence other adverse seismic conditions. No significant adverse conditions were found.

Comments (Additional pages may be added as necessary)

None.

Evaluated by: / Jose R. Hernandez Date: 9/26/12

/ JUSTO S. CHACON 9/26/12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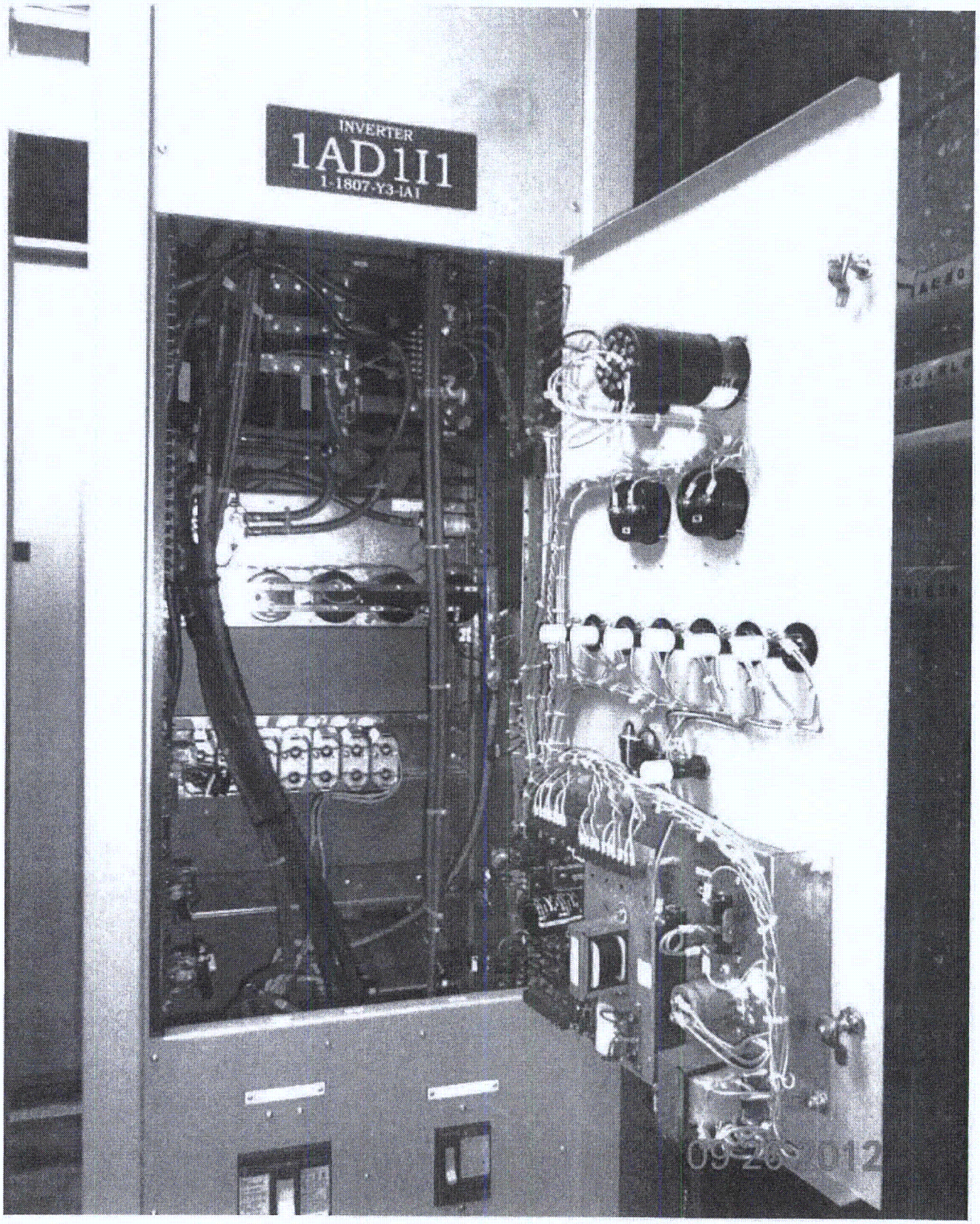
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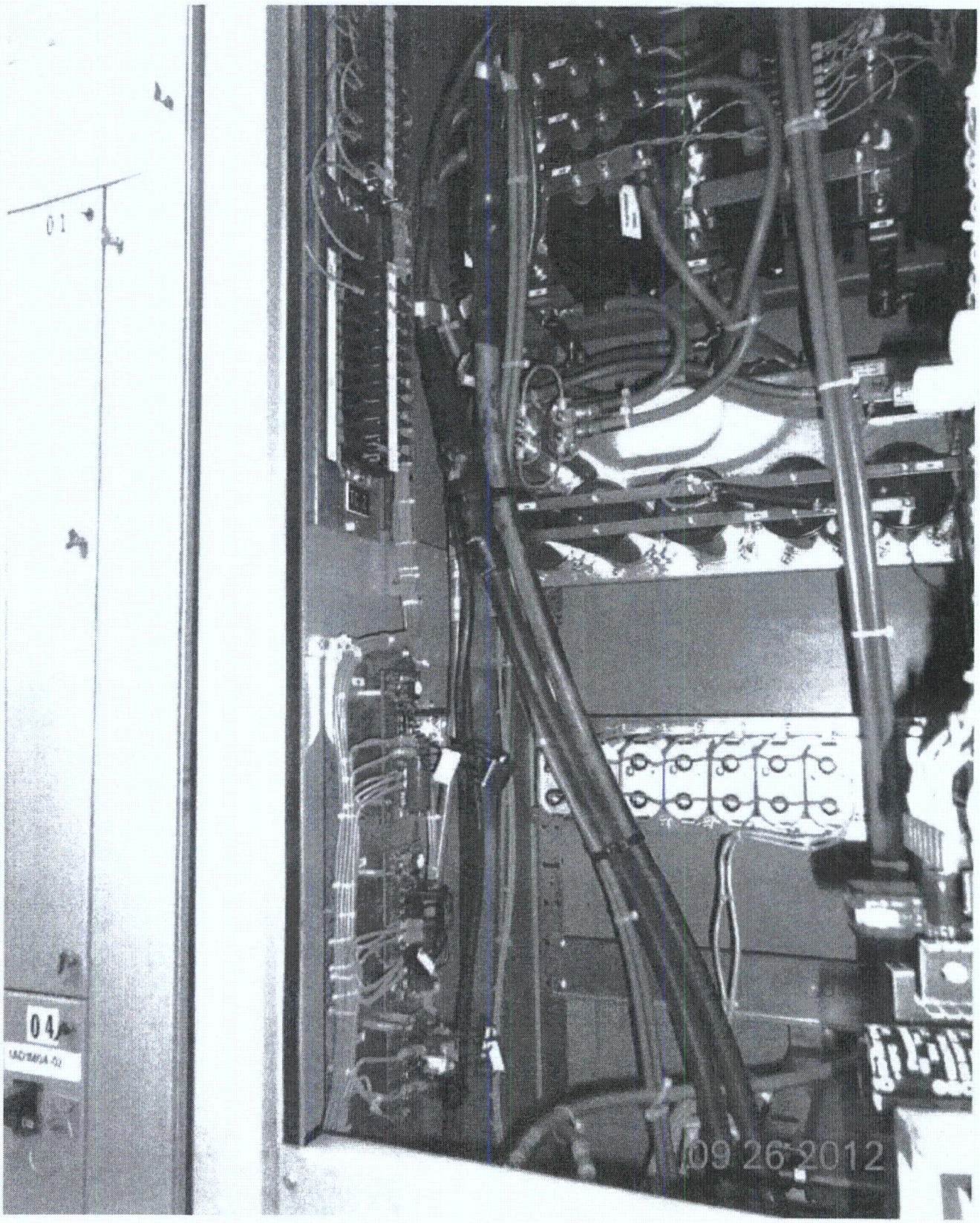
1-1807-Y3-1A1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