

1 - P1-87

Sheet 1 of 8 15 9/10/12

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R17B002 Equip. Class¹ 1

Equipment Description MCC 1B

Location: Bldg. AUXILIARY Floor El. 121 Room, Area 209

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
SEE COMMENTS, PAGE 2

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U
NO SEWS FOR Q1R17B002 DATED 5-26-94

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 8 15 JAN 9/10/12

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R17B002 Equip. Class 1

Equipment Description MCC 1B

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

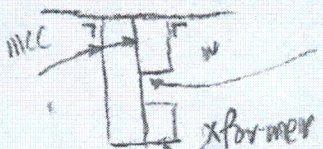
9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

IPBEE COMMENT VERIFICATION.
Comments (Additional pages may be added as necessary)

 Need to verify connection at panels in this location
xformer is connected to MCC ✓ OK

CONT'D NEXT PG.

Evaluated by: S. YUAN Stephen Yuan Date: 9/10/12

P. MIKROS Paul Mikros 9/10/12

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Sheet 3 of 3 15. 8/11/12
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R17B002 Equip. Class 1

Equipment Description MCC 1B

Photographs

COMMENTS (CONT'D)

1. L CLIPS NOTED TO EXIST NEAR TOP OF MCC ON THE SOUTH WALL TO PREVENT E-W MOVEMENT. OK.
2. TRANSFORMER N1R17E001 WAS FOUND BOLTED TO MCC, ∴ OK
3. DUE TO THE MCC LOCATION IN A CONFIGURATION CONTROL AREA, COULD NOT VERIFY CONNECTION OF EAST AND WEST MCC ELEMENTS. SEE PHOTOS, PAGES 10 & 11. A BAR EXISTS THAT PROBABLY PROVIDES THE REQ'D TIE, BUT BOLTS ON THE TOP OF THE MCC COULD NOT BE SEEN.

Note:

Note:

COMMENT (9-12-12)

CONNECTION AT TOP OF MCC IS CONFIRMED. A BAR IS WELD TO THE WEST END AND BOLTED AT EAST END TO CONNECT FRONT AND BACK MCC TOGETHER.

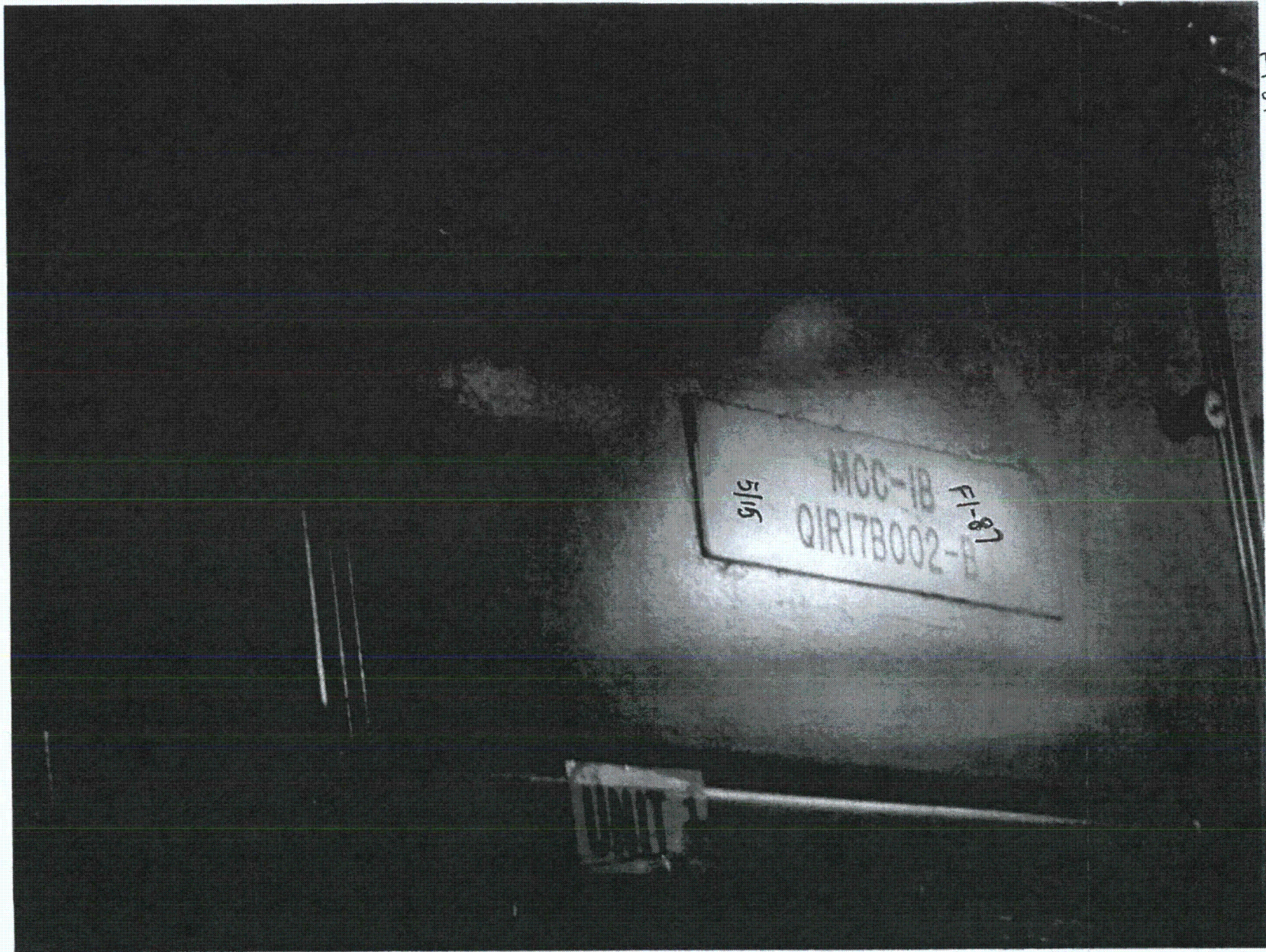
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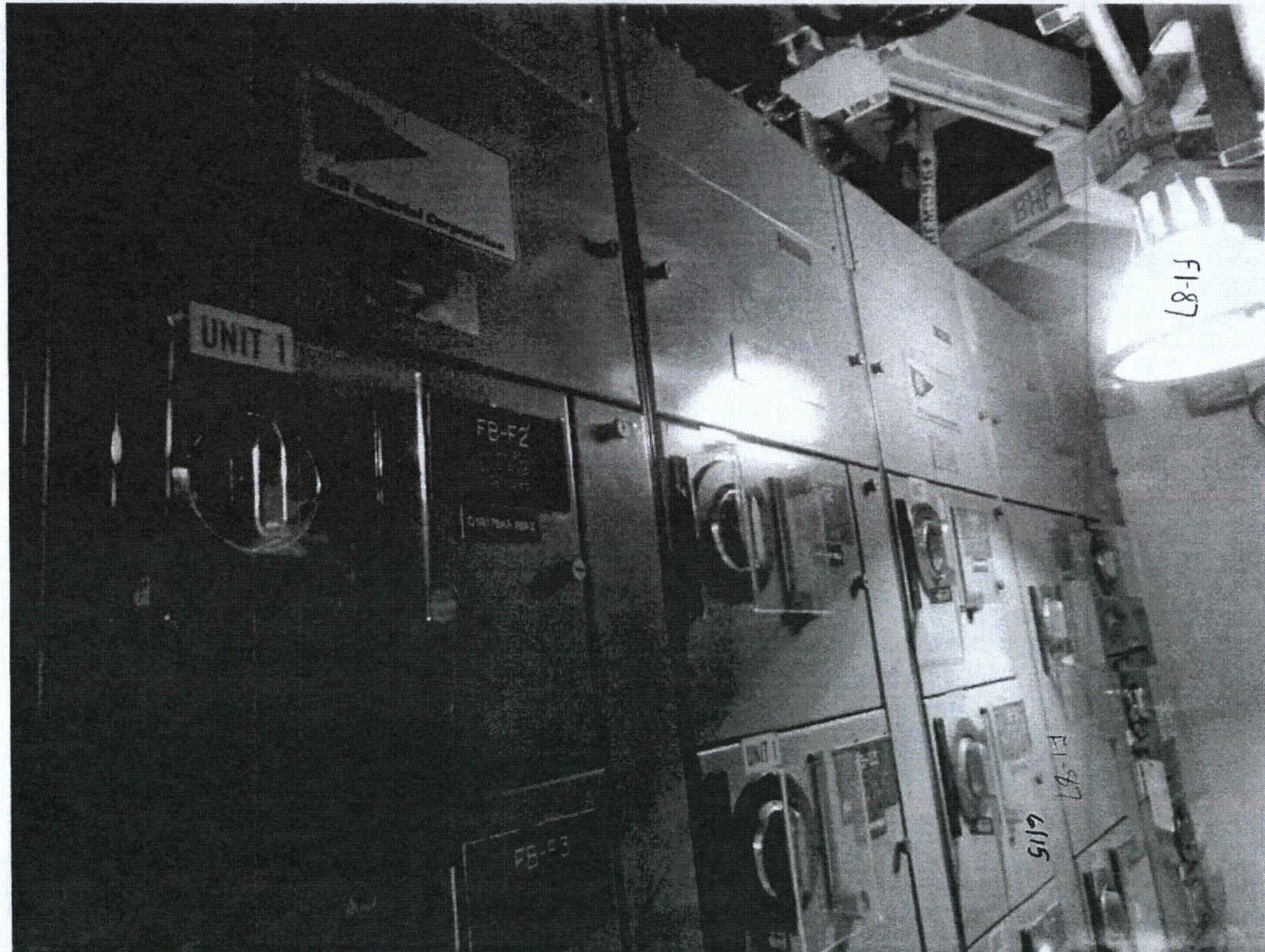
Note:



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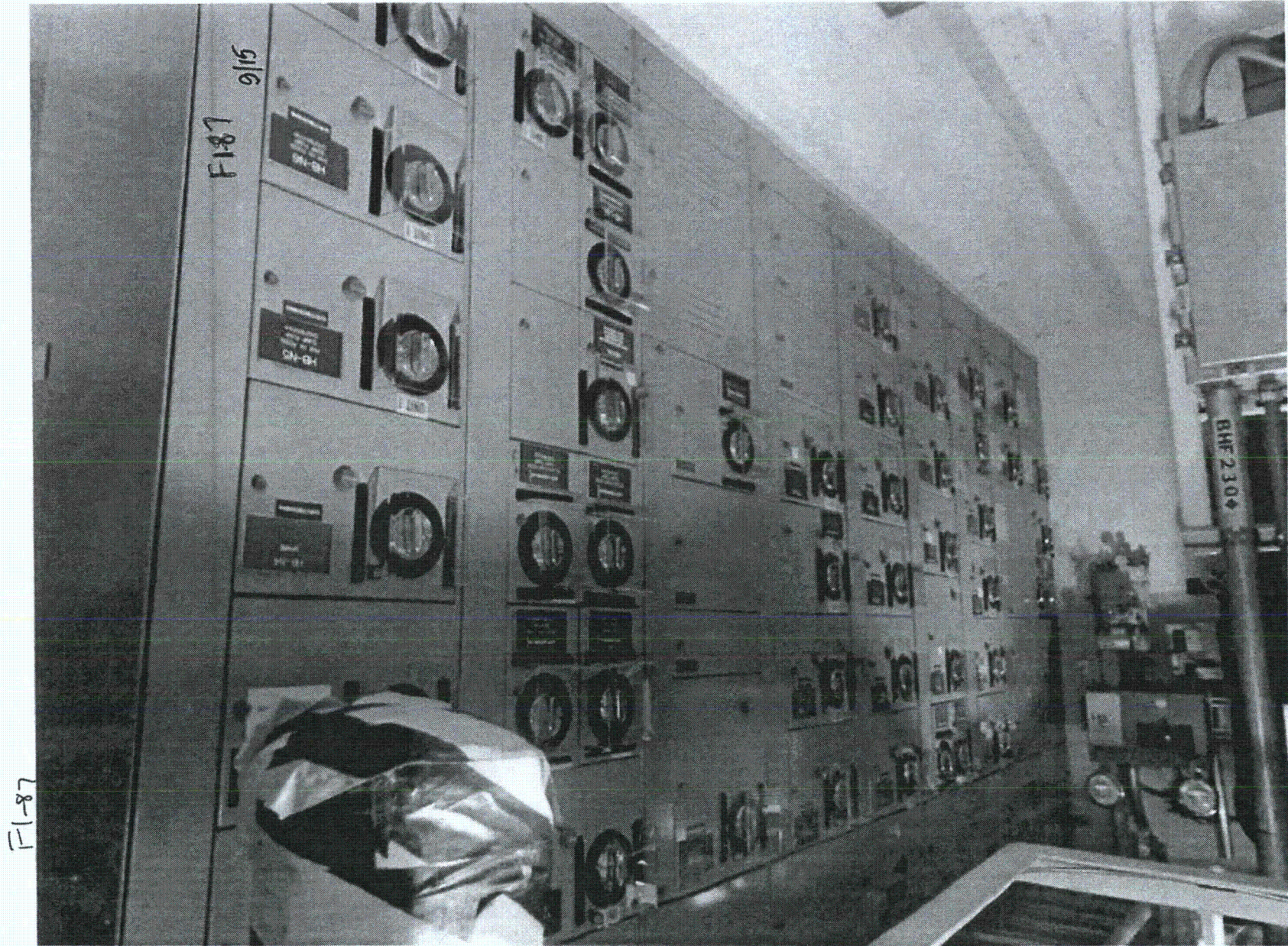
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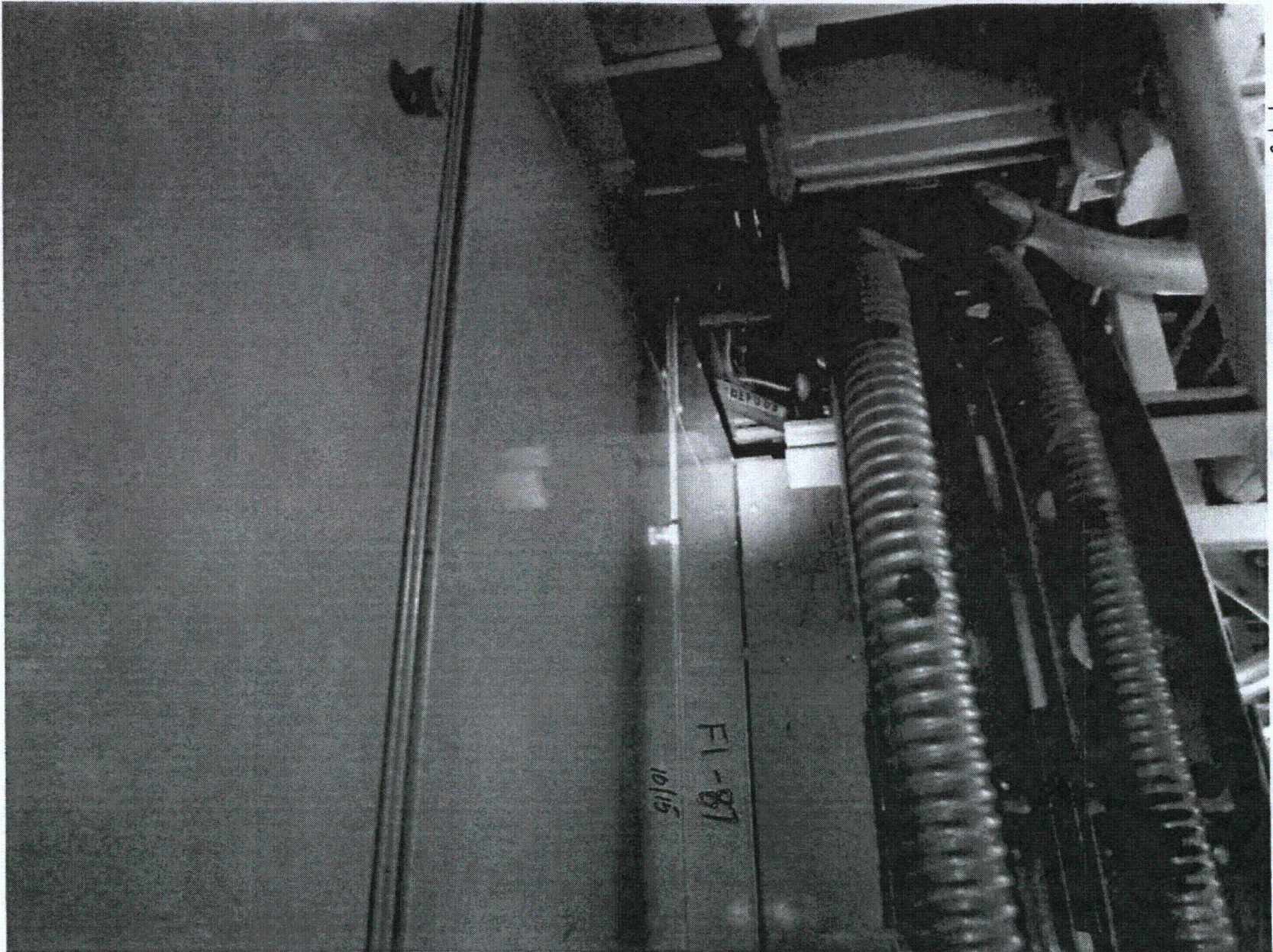




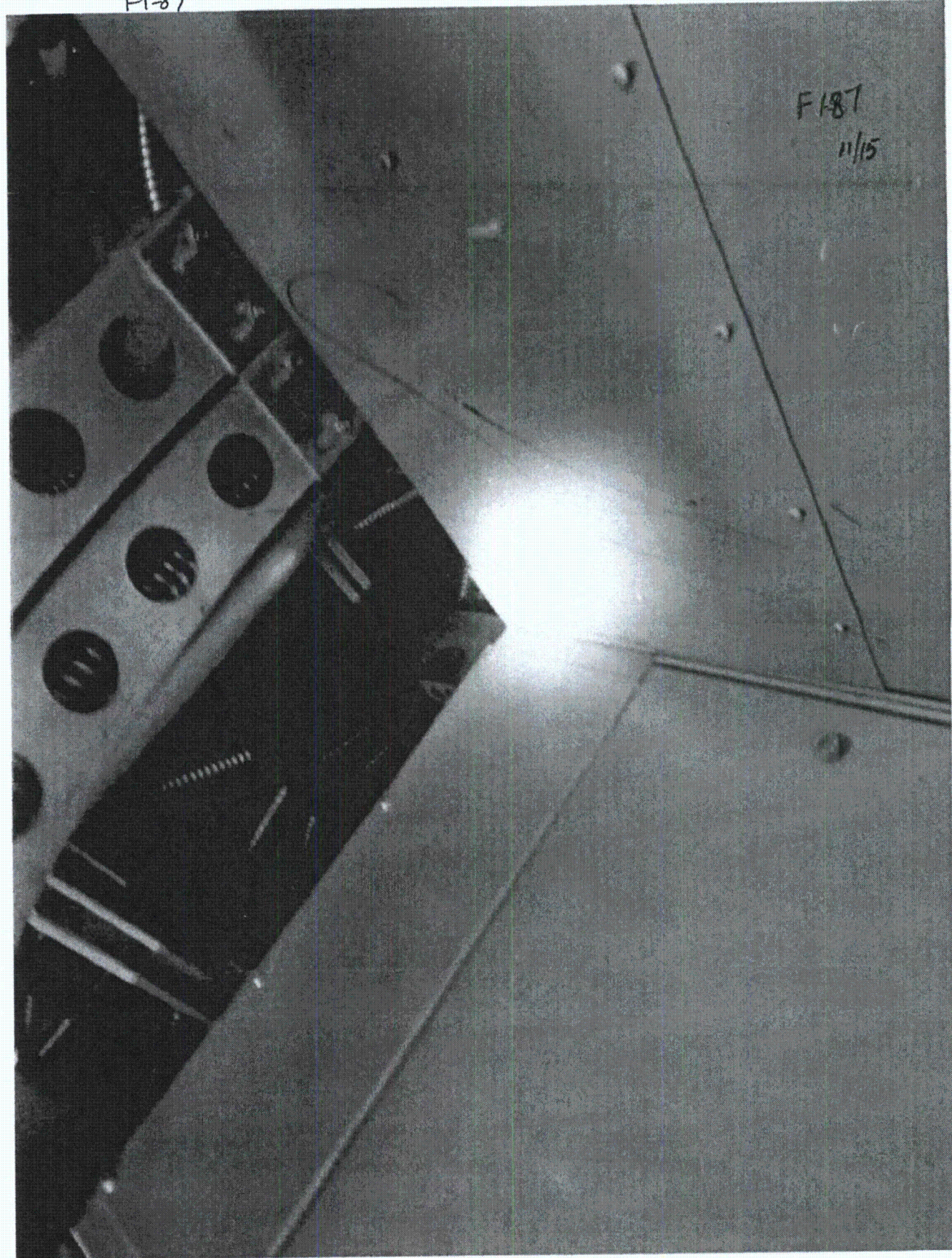


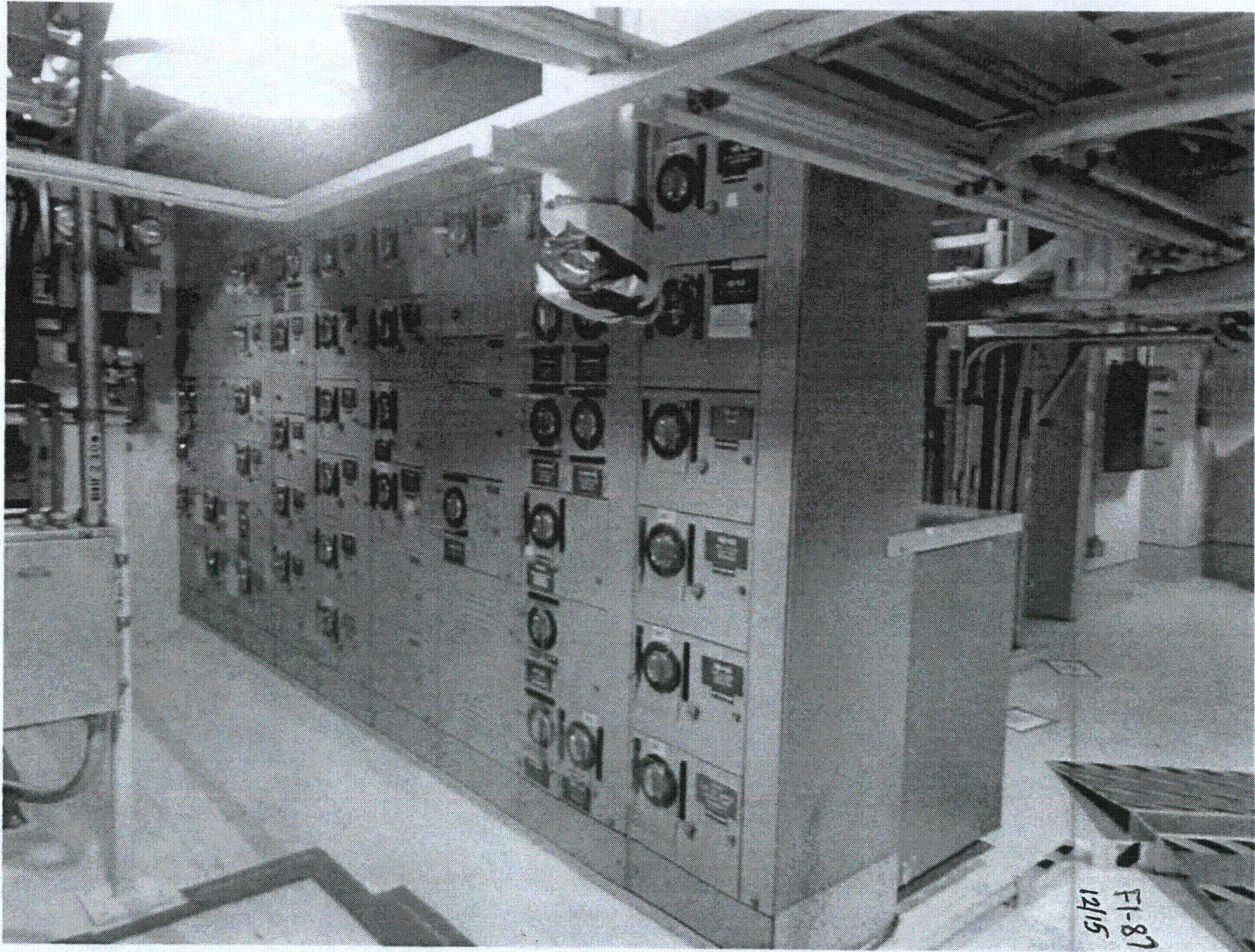






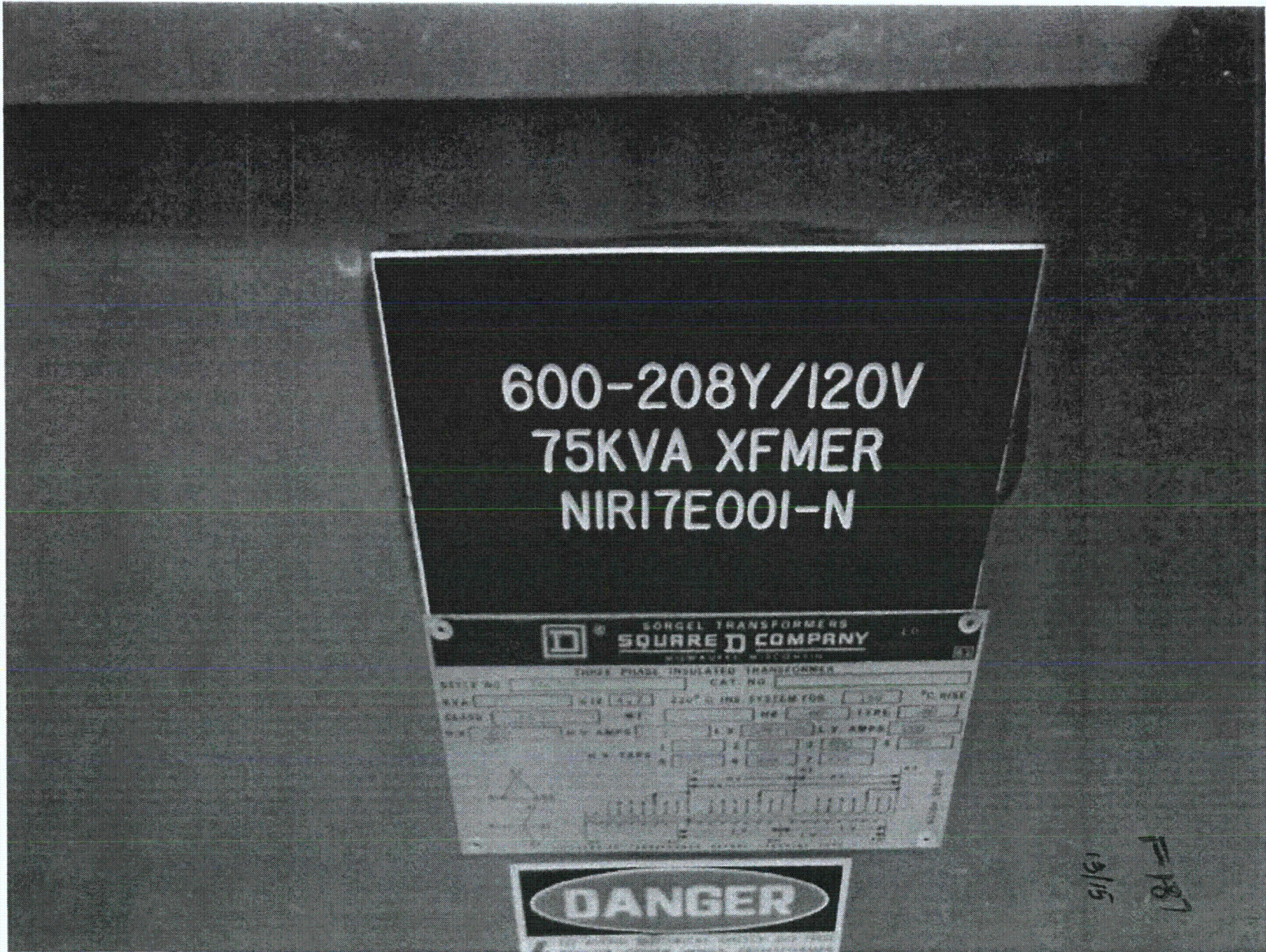
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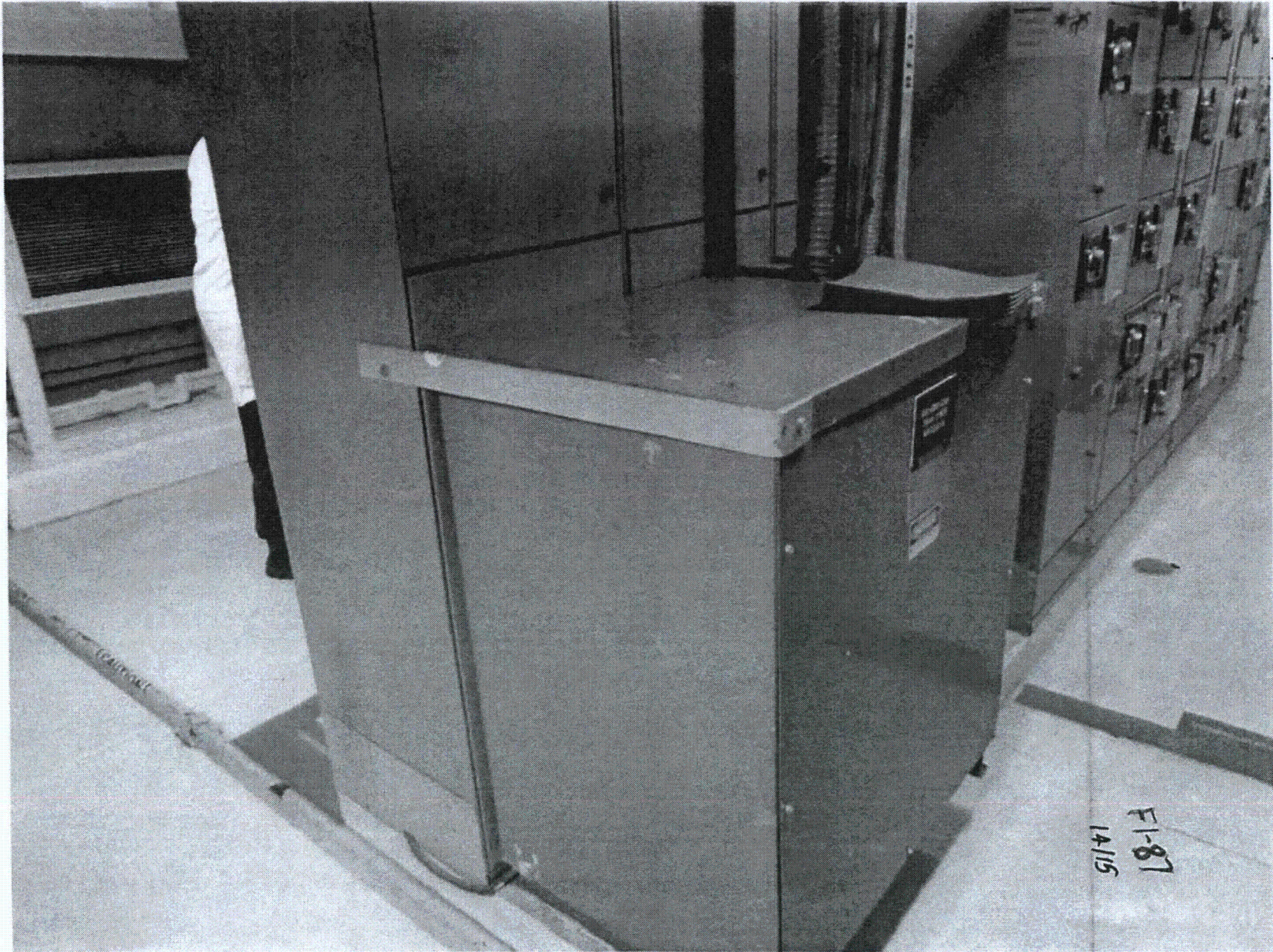


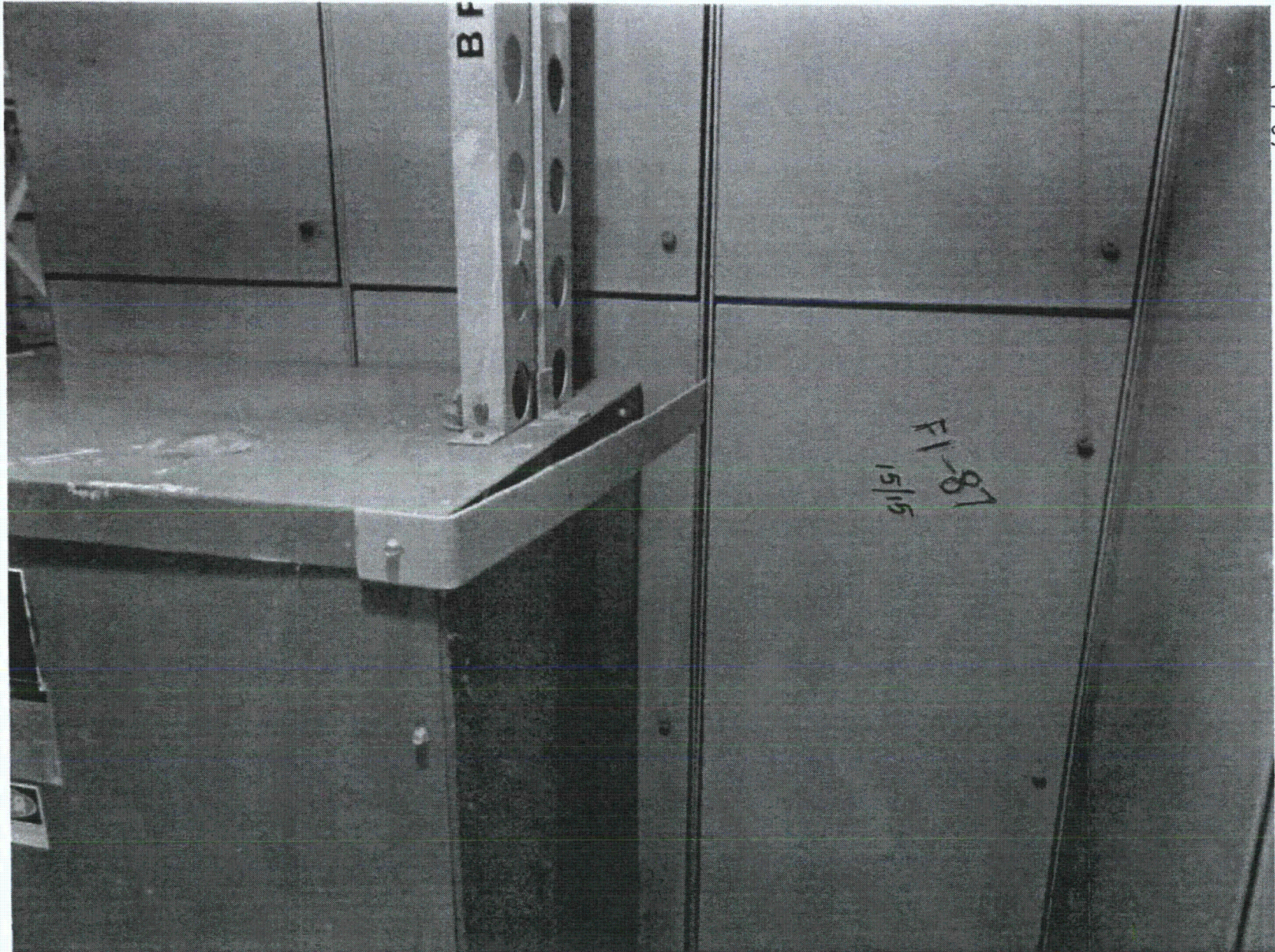


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12/15







FI-87N

Sheet 1 of 3 ~~X~~ ~~X~~ ~~X~~

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R17B507-A Equip. Class¹ 1

Equipment Description MCC 1N

Location: Bldg. DIESEL Floor El. 155 Room, Area 00.60

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

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R17B507-A Equip. Class' 1

Equipment Description MCC 1N

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

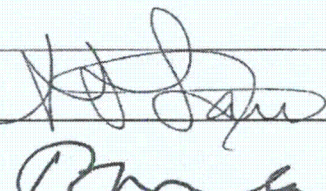
Other Adverse Conditions

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 component QSR43A503 for AWC.

Evaluated by:



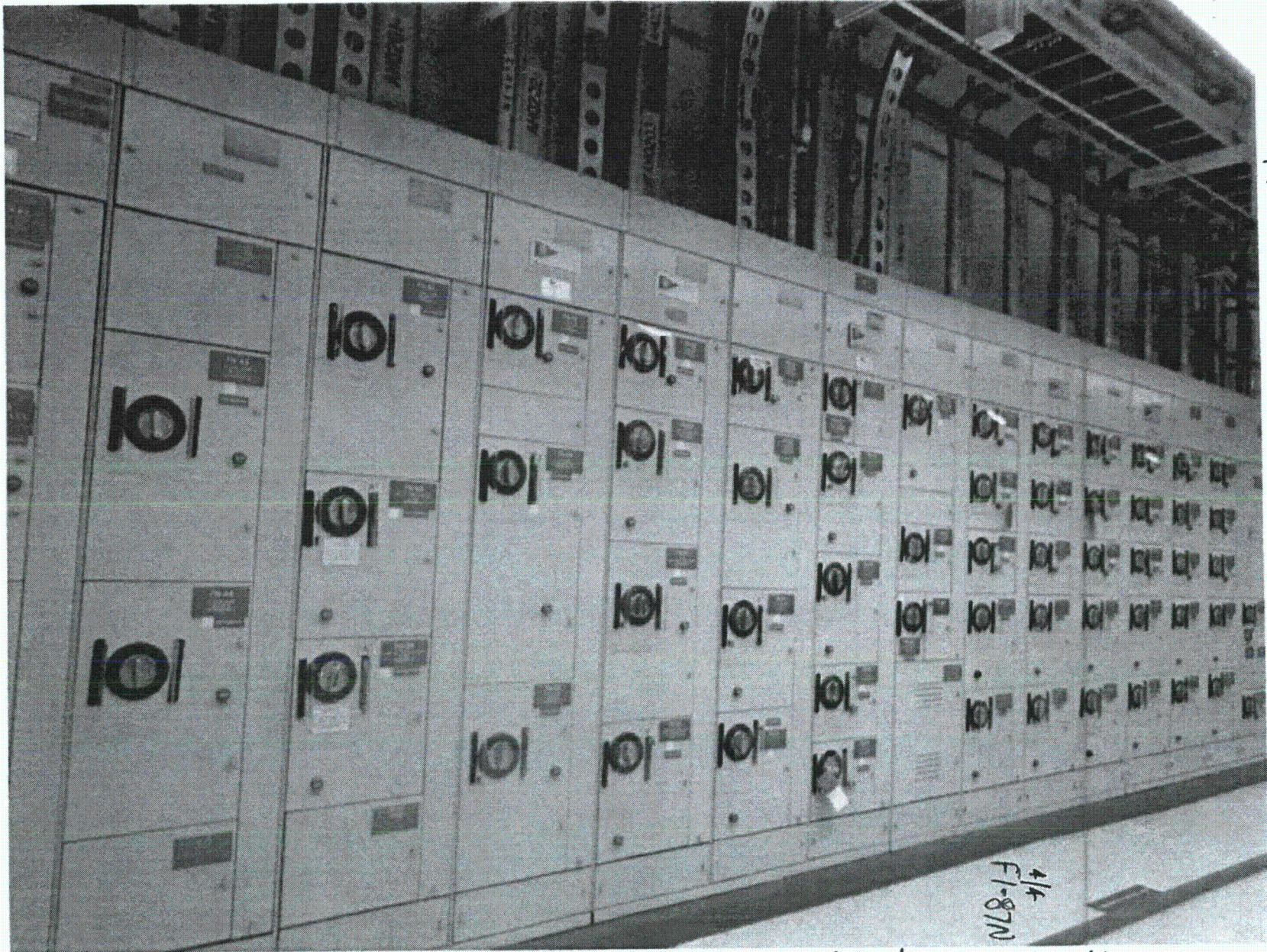
Maggie Farah

Date: 8/29/12

Ron Miranda

8.29.12





Fl. 84

Sheet 1 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B029 Equip. Class¹ 2

Equipment Description POWER DISCONNECT SWITCH

Location: Bldg. AUXILIARY Floor El. 2T/39 Room, Area 332

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

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B029 Equip. Class: 2

Equipment Description POWER DISCONNECT SWITCH

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

Conduit AHJ051 is not a flex conduit, however IT is attached to cable tray supports attached to the same wall the switch is firmly attached to. There is therefore no seismic interaction issue,

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y N U

Since the two would act together during a seismic event, OKAY

Other Adverse Conditions

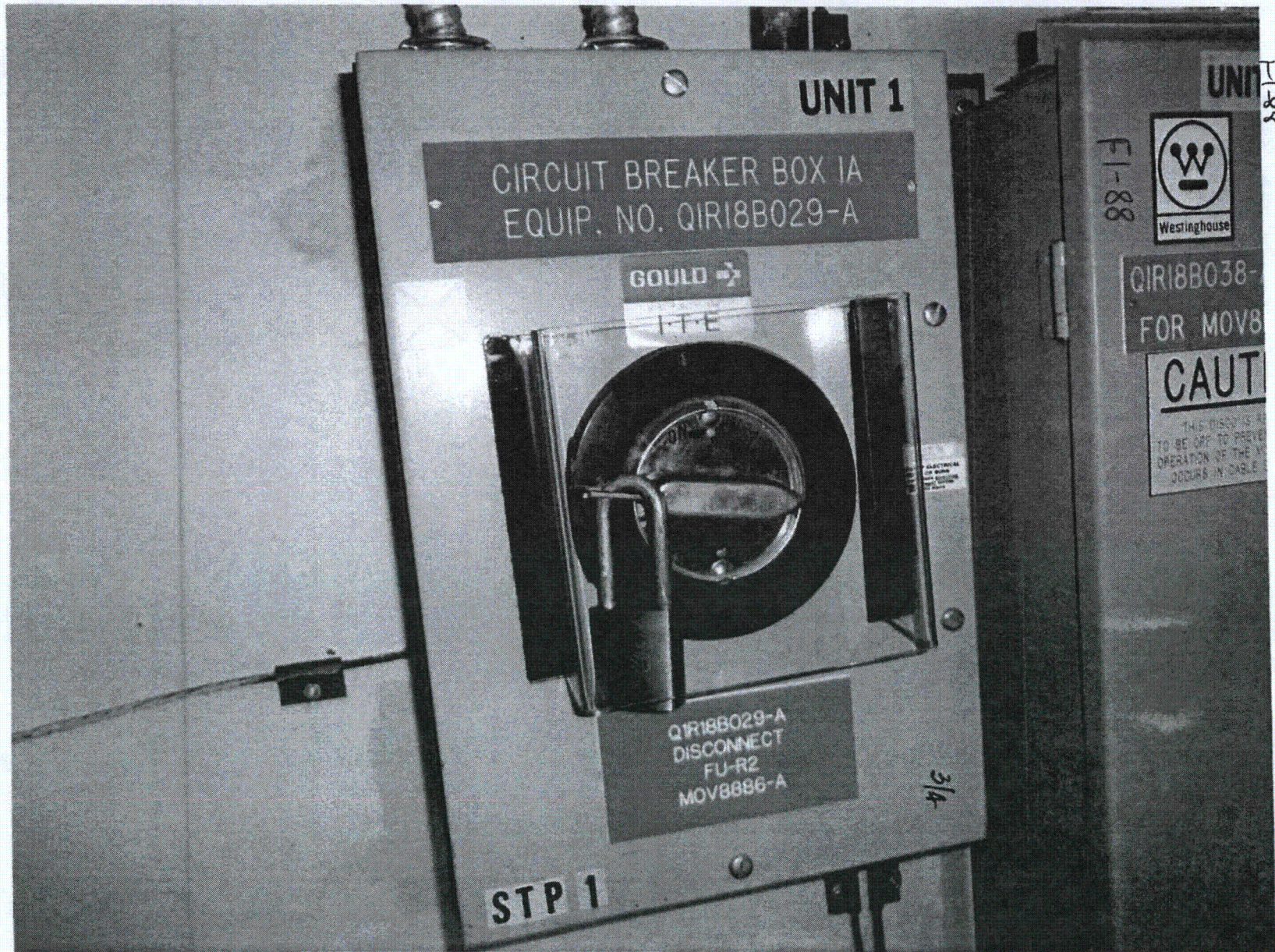
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

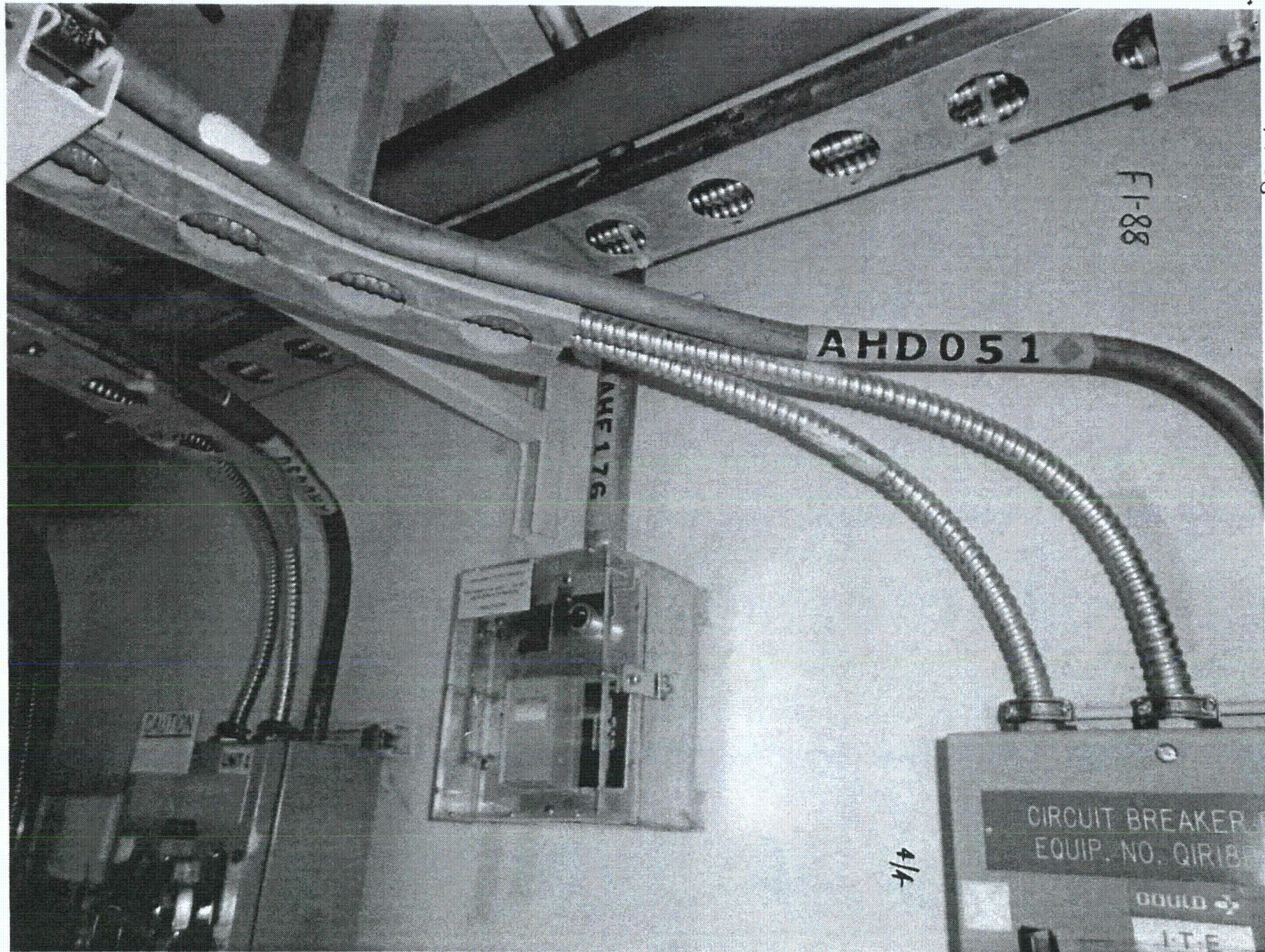
Comments (Additional pages may be added as necessary)

NONE

* See Q1R17B001-A (Folder 1-84) for Area Walk-by Checklist

Evaluated by: Scott Walder Scott Walder Date: 8.29.2012
Crystal Levelady [Signature] 8/29/2012





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FI-01
F1-89

Sheet 1 of 4 ^{CKL}

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B031 Equip. Class¹ 14

Equipment Description CIRCUIT BREAKER BOX

Location: Bldg. AUXILIARY Floor El. 139 Room, Area 332

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 4 ^{OK}

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B031 Equip. Class: 14

Equipment Description CIRCUIT BREAKER BOX

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

CONDUIT AH0055 is not a Flex conduit however it is attached to cable tray supports attached to the same wall as the box is firmly attached to - there is no seismic interaction issue since,

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y N U

↳ the two would act together during a seismic event. OKAY

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

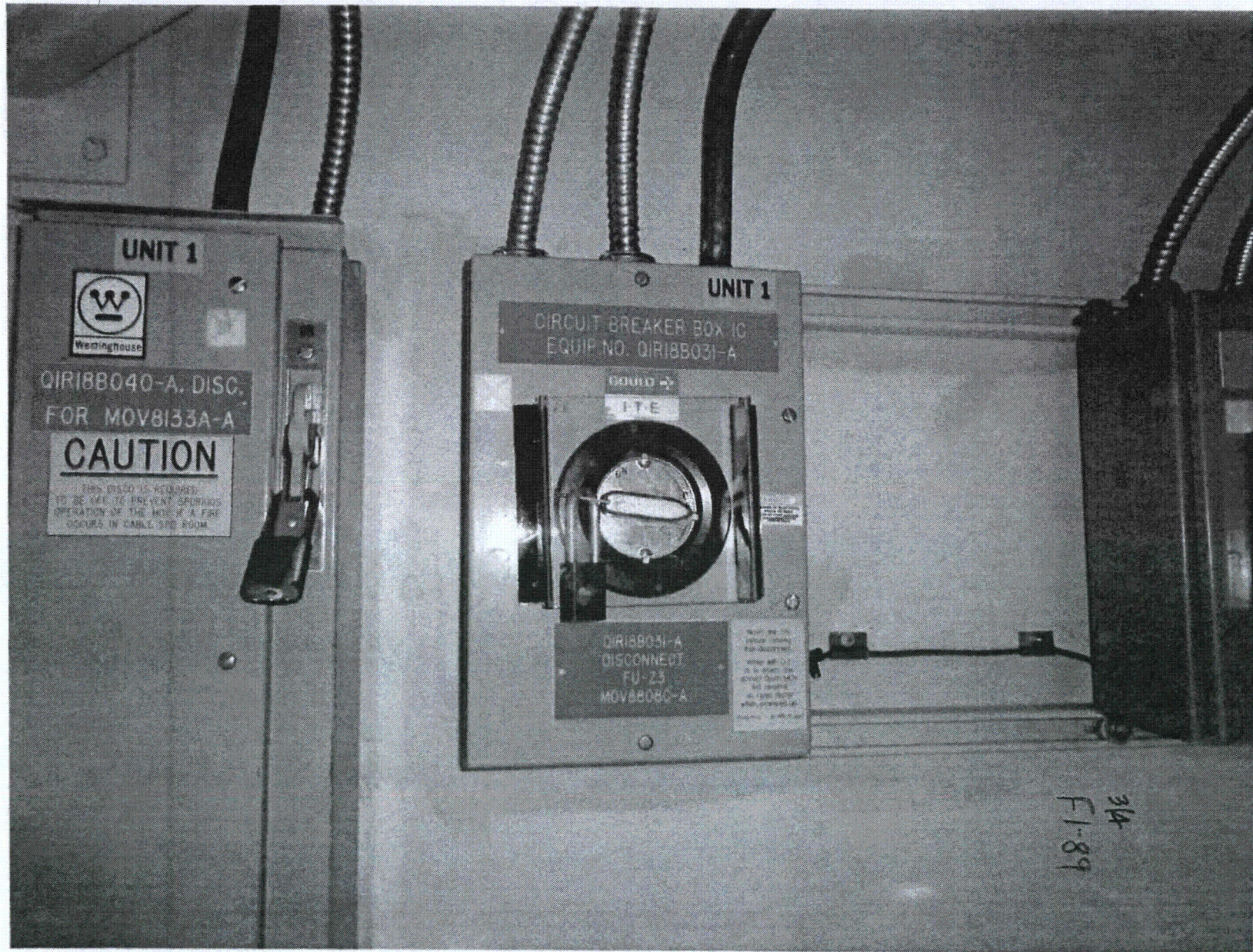
Comments (Additional pages may be added as necessary)

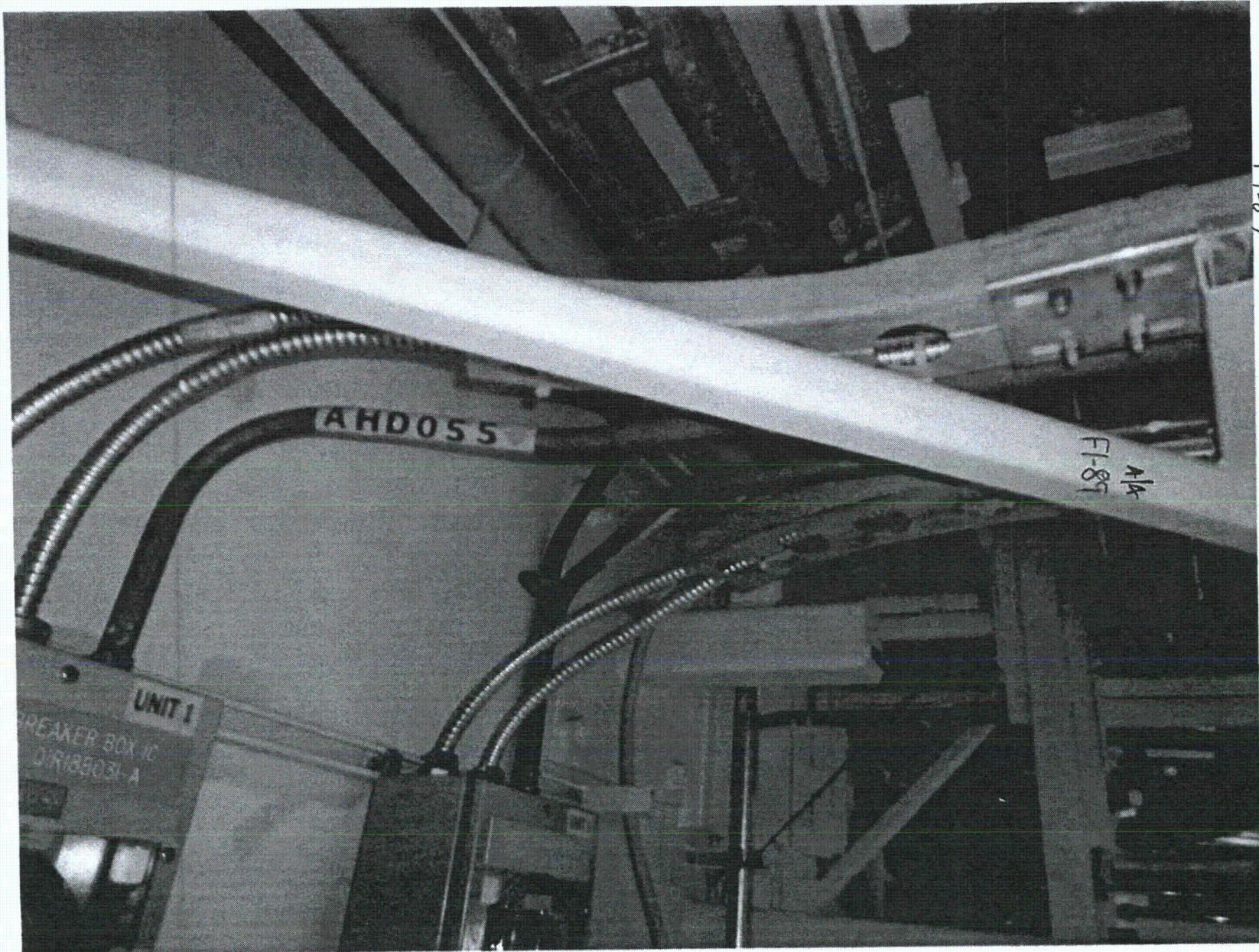
NONE

*See Q1R17B001-A (folder 1-84) for Area Walk-by Checklist

Evaluated by: Scott Walden Scott Walden Date: 8-29-2012

Crystal Lovelady [Signature] 8/29/2012





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Sheet 1 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B035 Equip. Class¹ 14

Equipment Description CIRCUIT BREAKER BOX

Location: Bldg. AUXILIARY Floor El. 139 Room, Area 322 312 MSU

Manufacturer, Model, Etc. (optional but recommended) 322 or 334

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

SEW dated 3-20-95

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

SW package picture, matches present anchorage

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R18B035 Equip. Class¹ 14

Equipment Description CIRCUIT BREAKER BOX

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 U N U N/A

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y N U

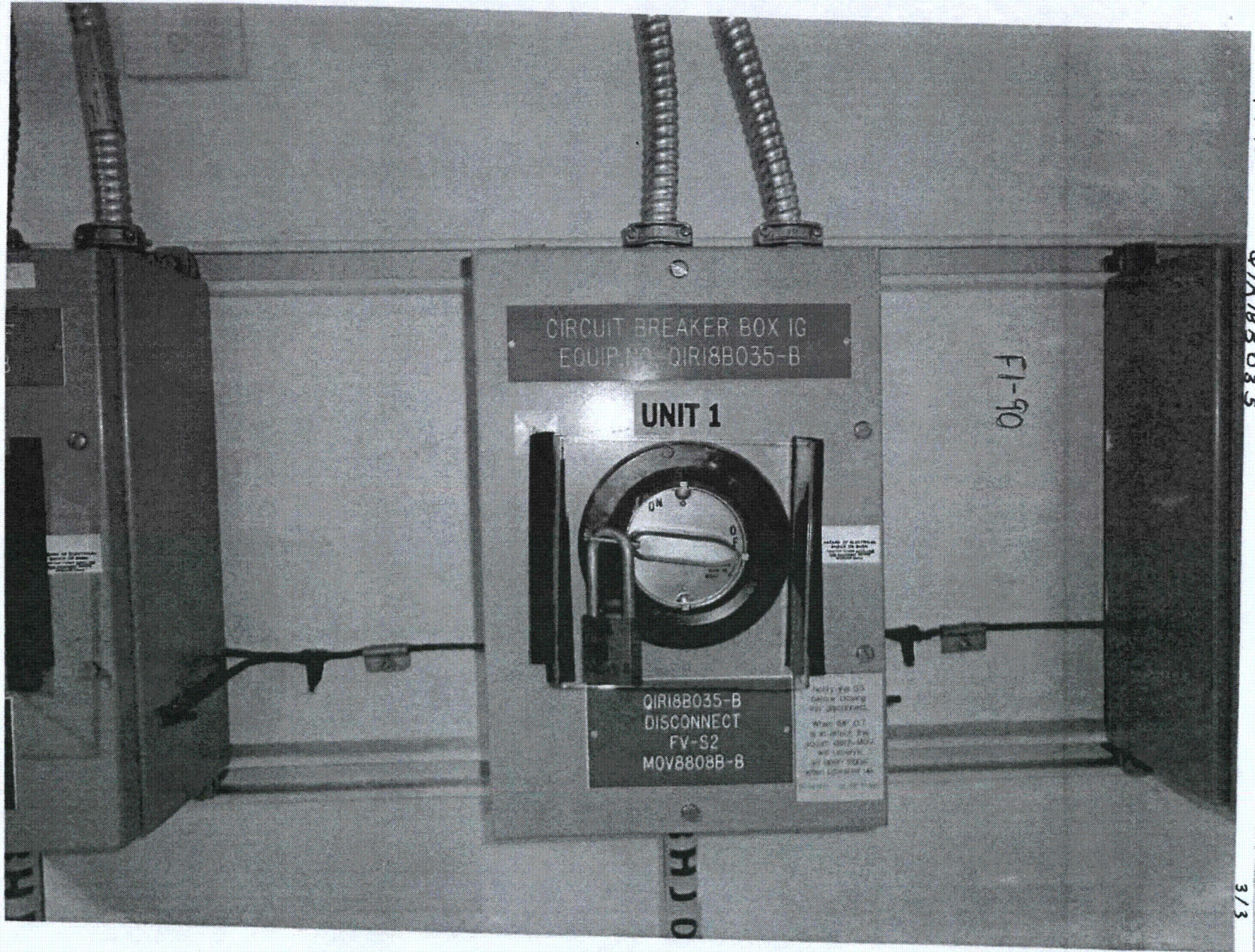
Other Adverse Conditions

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: Scott Walden [Signature] Date: 9.10.2012
Ryan Harbo [Signature] 9/10/12



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Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R21B001A Equip. Class¹ 14

Equipment Description VITAL AC BREAKER BOX

Location: Bldg. AUXILIARY Floor El. 155' Room, Area 416

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
Anchorage verification is not required

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R21B001A Equip. Class' 14

Equipment Description VITAL AC BREAKER BOX

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)

AWB Completed 8/21/12

Evaluated by: Ryan Harbo RHH Date: 10/25/12
Taylor Youngblood T Y 10/25/12

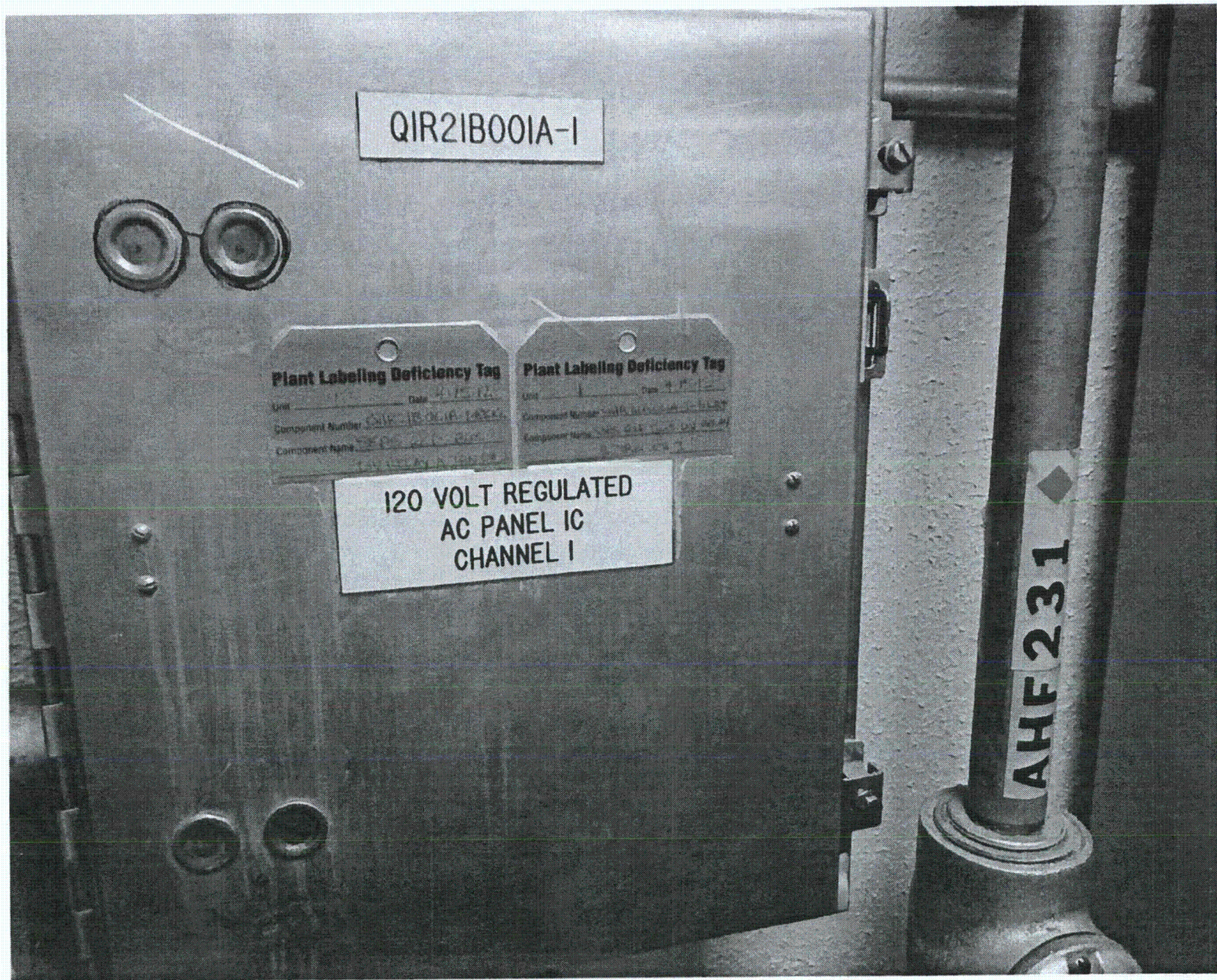
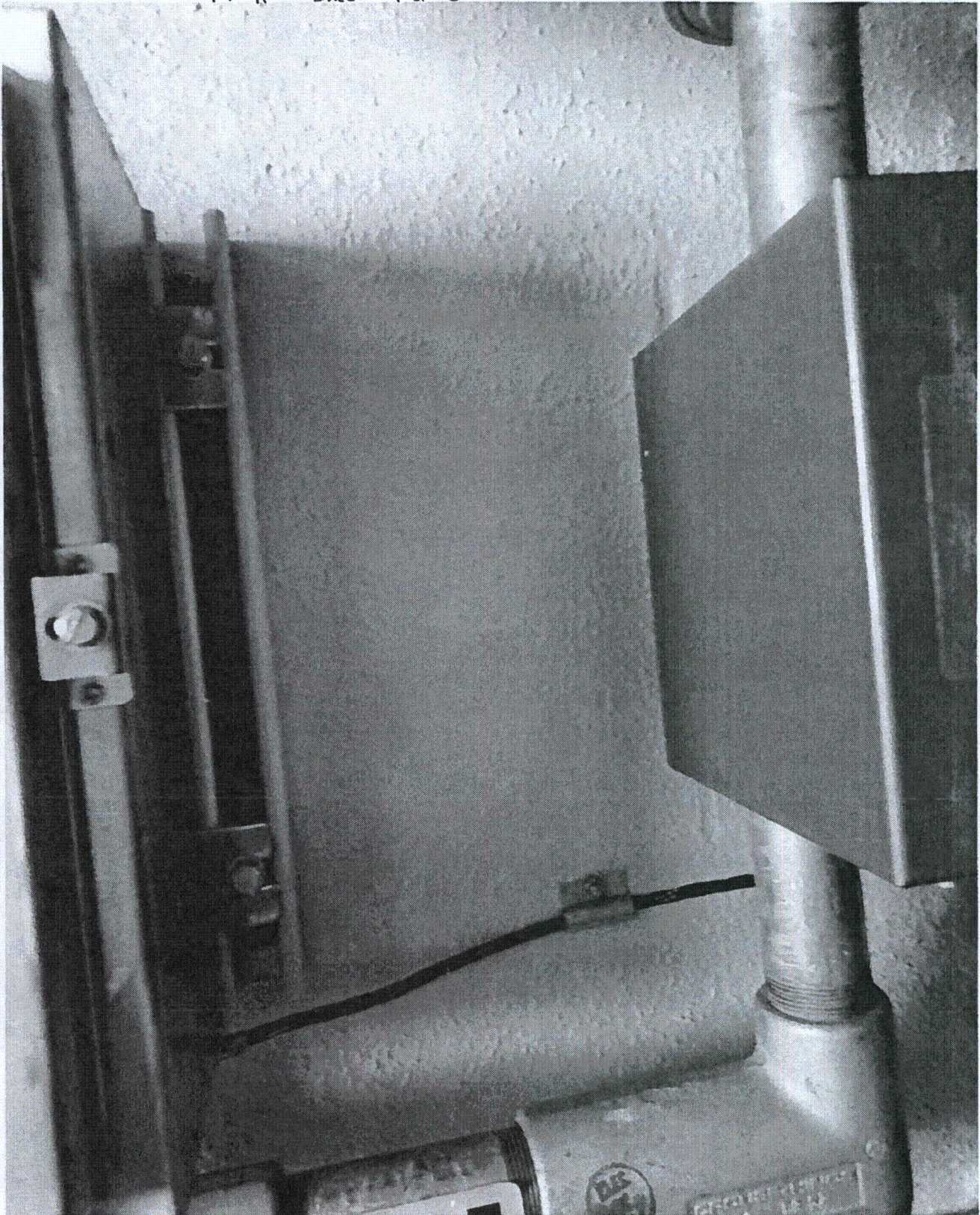
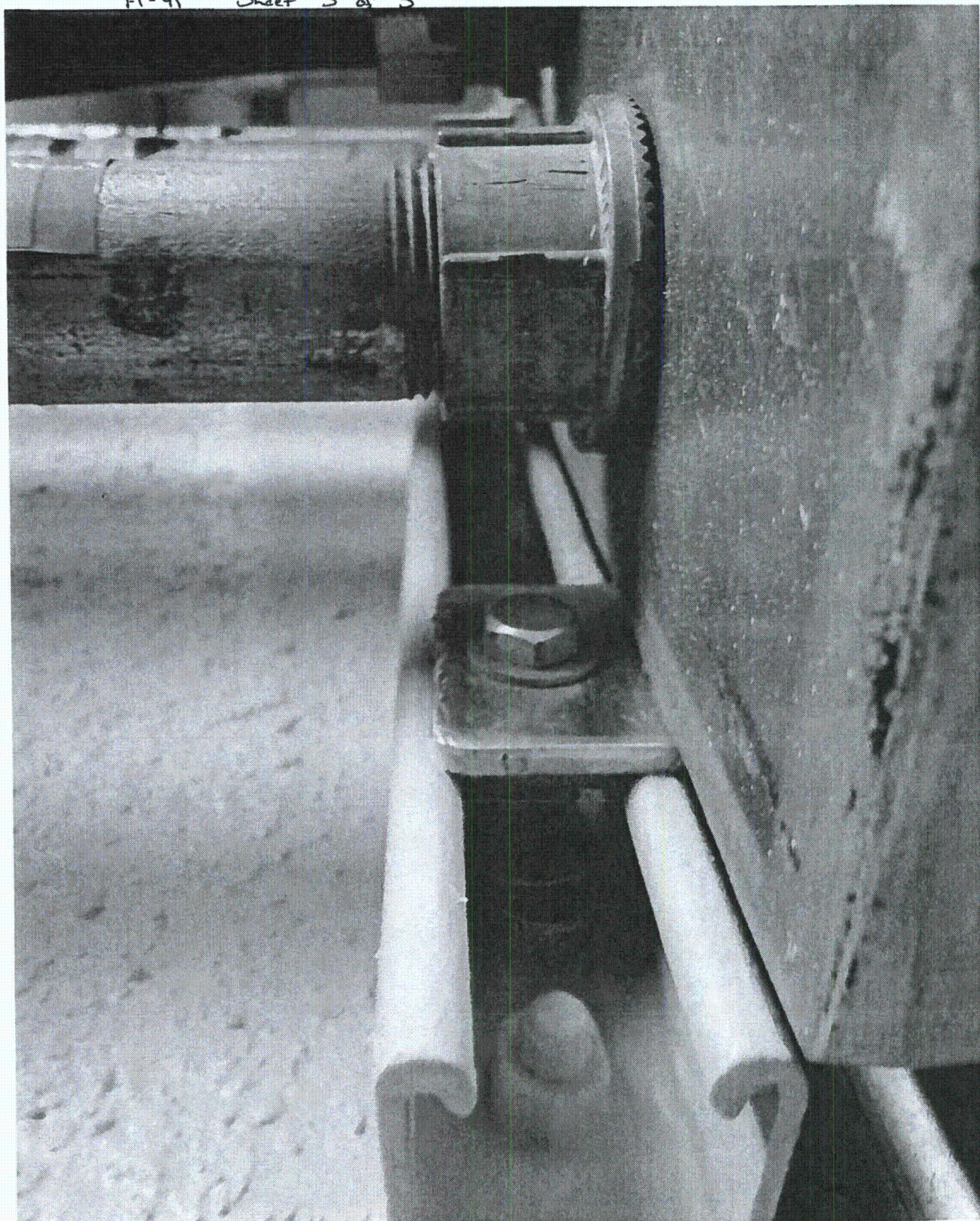


Fig 1
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Sheet 1 of 3⁶ 2674
 Status: Y N U 3/10/12

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R21E009C Equip. Class¹ 14
 Equipment Description INVERTER 1C *JM 9/10/12*
 Location: Bldg. AUXILIARY Floor El. 109-121' Room, Area 318-226 *JM 9/10/12*
 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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

VERIFIED CONFIGURATION OF ANCHORAGE PER SEWS FOR Q1R21E009C & Q1R21E009A, DATED 5/24/94 (BOTH)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

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Sheet 2 of 3 to Jim
Status: Y N U 9/10/12

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q1R21E009C Equip. Class¹ 14

Equipment Description INVERTER 1C

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: P. MIKLOS Paul Miklos Date: 9/10/12
S. YUAN Stephen Yuan 9/10/12



