

F1-35

Sheet 1 of 4

Status: Y ☒ N ☐ U ☐**Seismic Walkdown Checklist (SWC)**Equipment ID No. Q1G31H001B Equip. Class¹ 21Equipment Description SPENT FUEL POOL HEAT EXCHANGER TRAIN ALocation: Bldg. AUX Floor El. 165 Room, Area 467

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 ☐

Dwg. D176548 Ver. 11.0

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 ☐

Only minor rust on saddle, ^{d washers} ~~no seismic concern~~
It is judged that there is no reduction in anchorage capacity.

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.)

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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Status: Y ☒ N ☐ U ☐**Seismic Walkdown Checklist (SWC)**Equipment ID No. Q1G31H001B Equip. Class 21Equipment Description SPENT FUEL POOL HEAT EXCHANGER TRAIN A**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

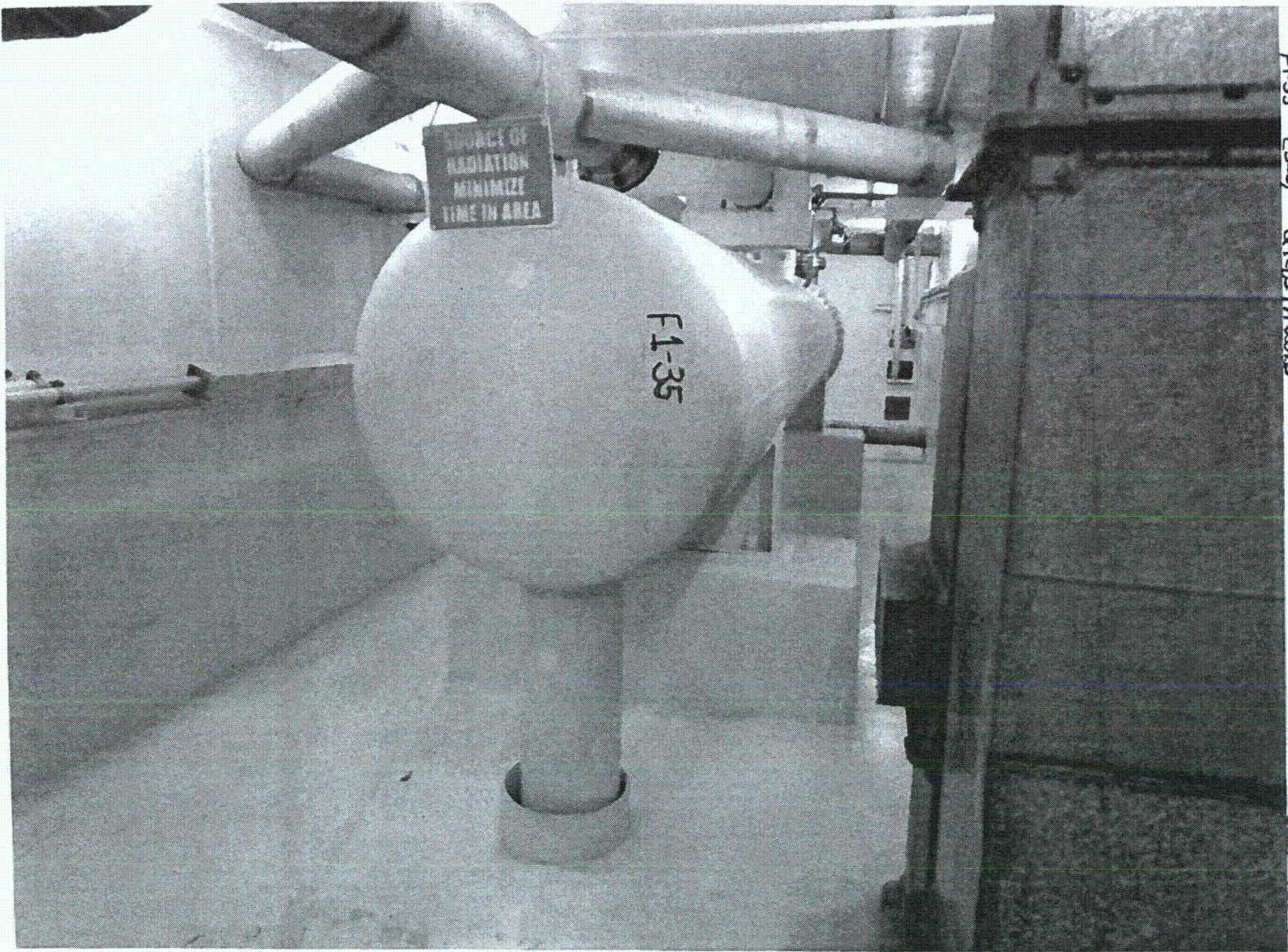
Evaluated by:

SCOTT WALDEN Scott Walden

Date: 8.29.2012

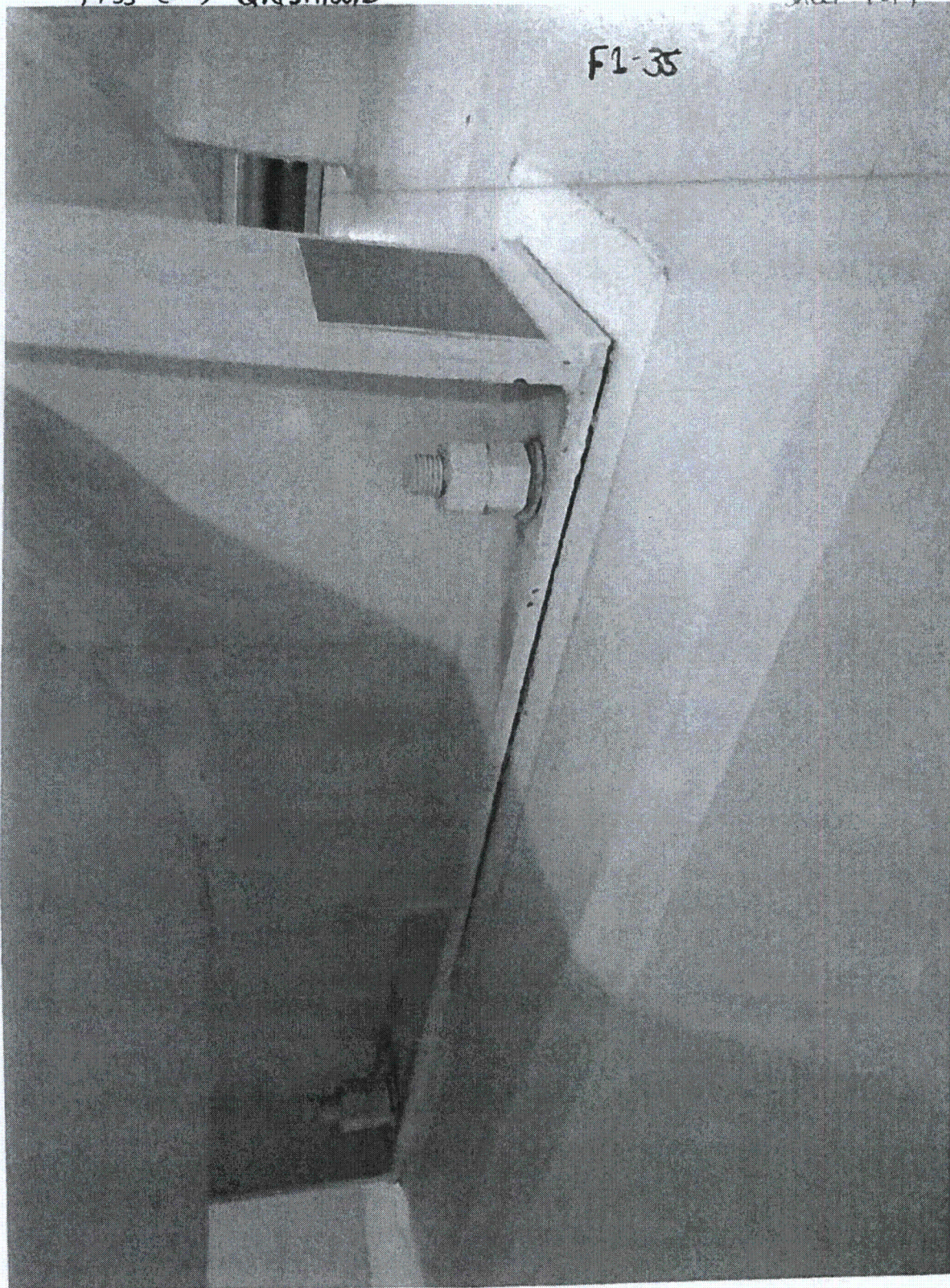
Crystal Loweluck

8/29/2012



F1-35 (SWC) GIG31H001B

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Sheet 1 of 39

JH1
3/21/12Status: Y ☒ N ☐ U ☐**Seismic Walkdown Checklist (SWC)**Equipment ID No. Q1H11NGASC2506C Equip. Class¹ 20Equipment Description AUX SAFEGUARDS CABINET CLocation: Bldg. AUXILIARY Floor El. 155 Room, Area _____

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 ☐

ANCHORAGE CONFIG. VERIFIED VS SEWS FOR Q2H11NGASC2506D, C &
Q2H11NGPIC2505A (UNIT 2 COUNTER PART)

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

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Sheet 2 of 3⁹ JEMStatus: Y ☒ N ☐ U ☐ 8/21/12

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Seismic Walkdown Checklist (SWC)Equipment ID No. Q1H11NGASC2506C Equip. Class¹ 20Equipment Description AUX SAFEGUARDS CABINET C**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 ☐

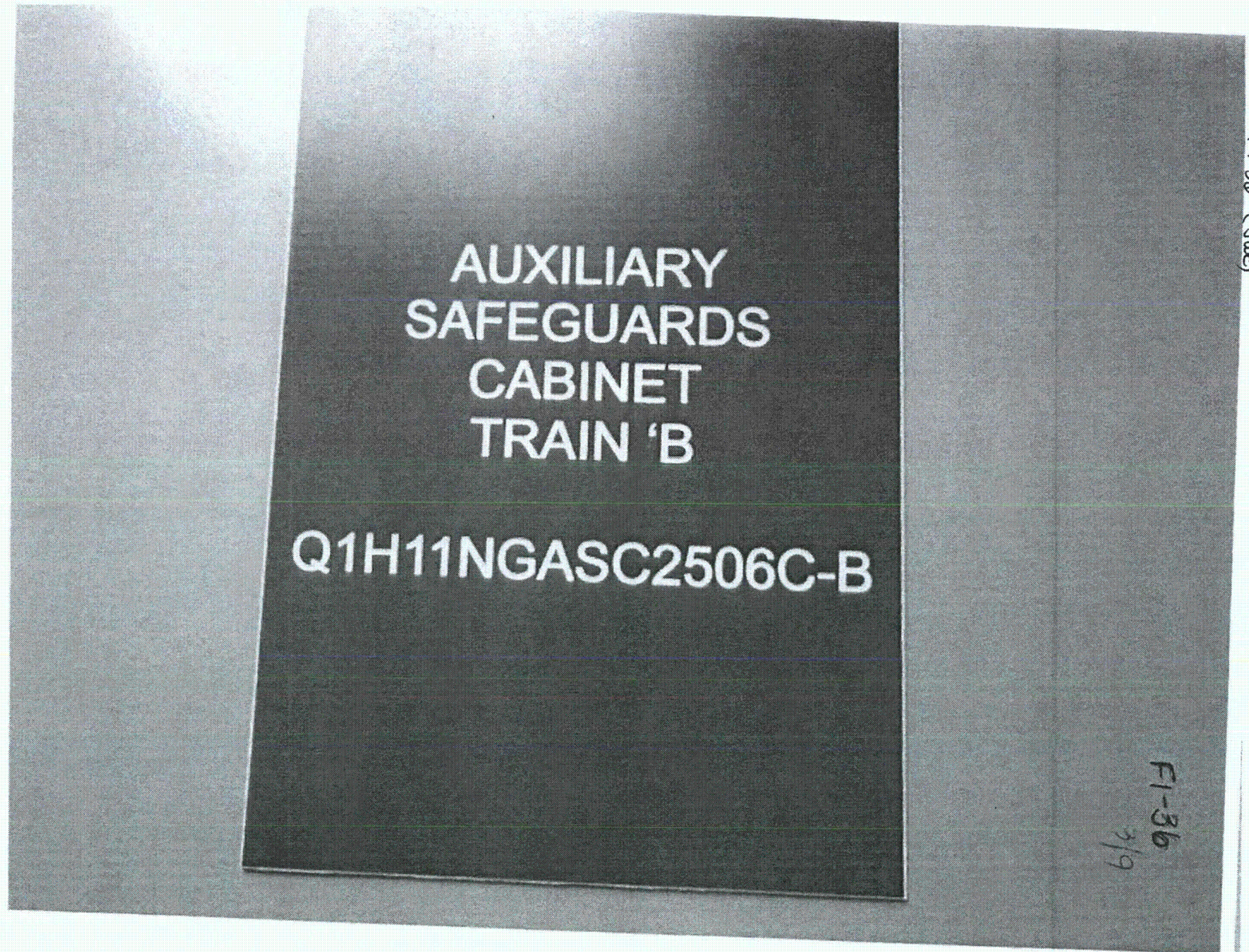
Other Adverse Conditions

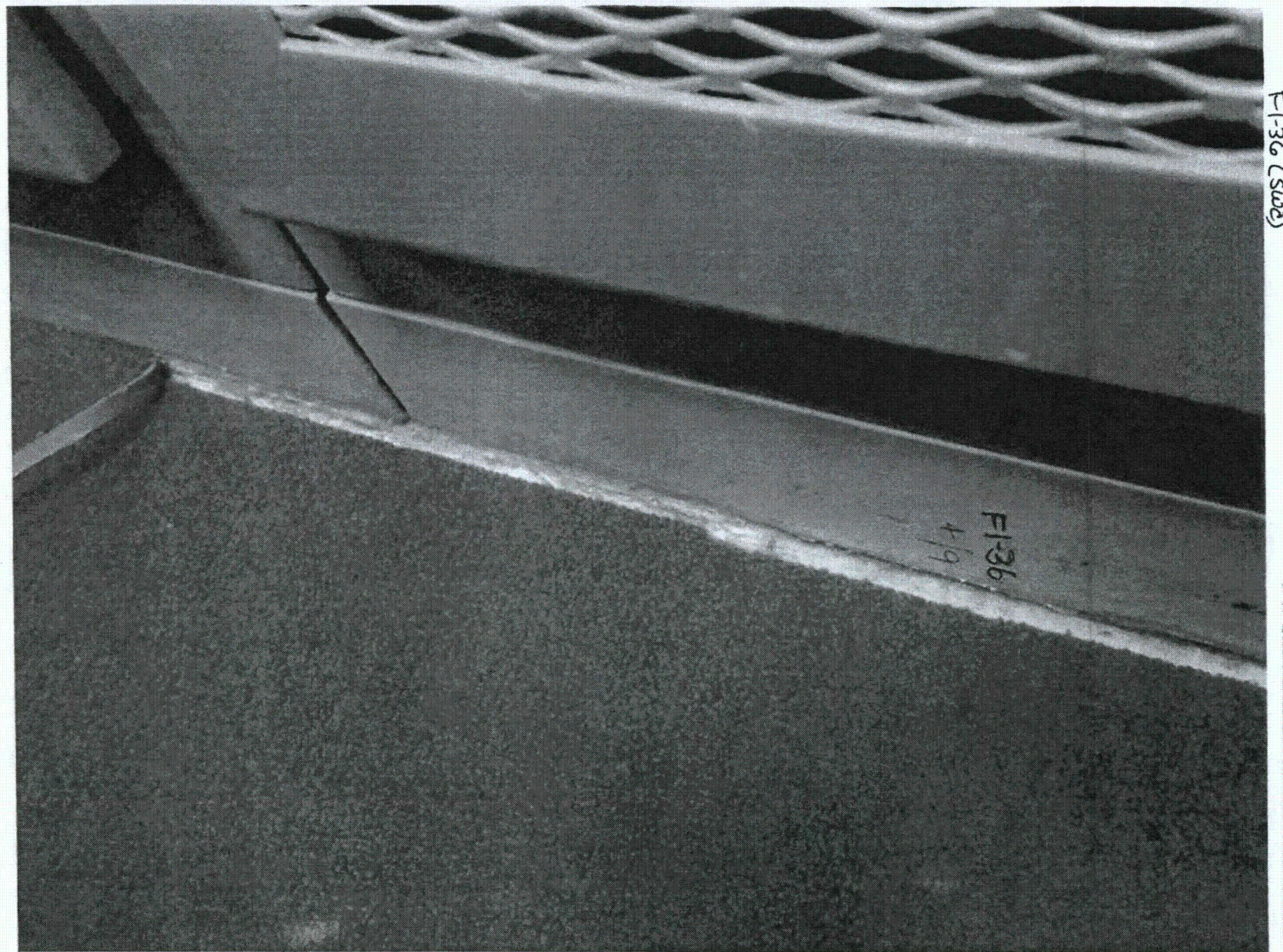
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☒ N ☐ U ☐

Comments (Additional pages may be added as necessary)

None

Evaluated by: STEVEN YUANDate: 8-21-12PAUL MIKTUS8-21-12







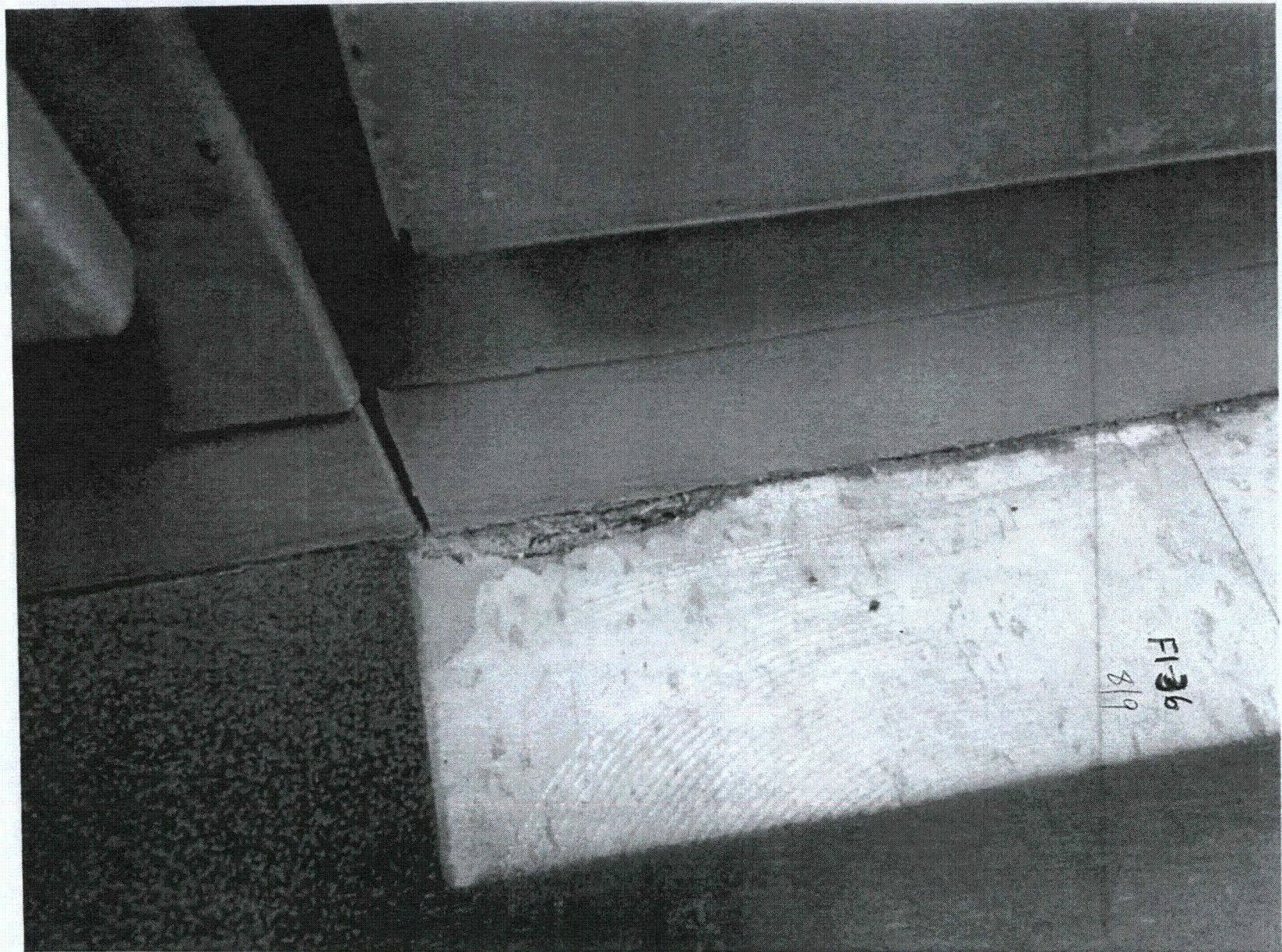


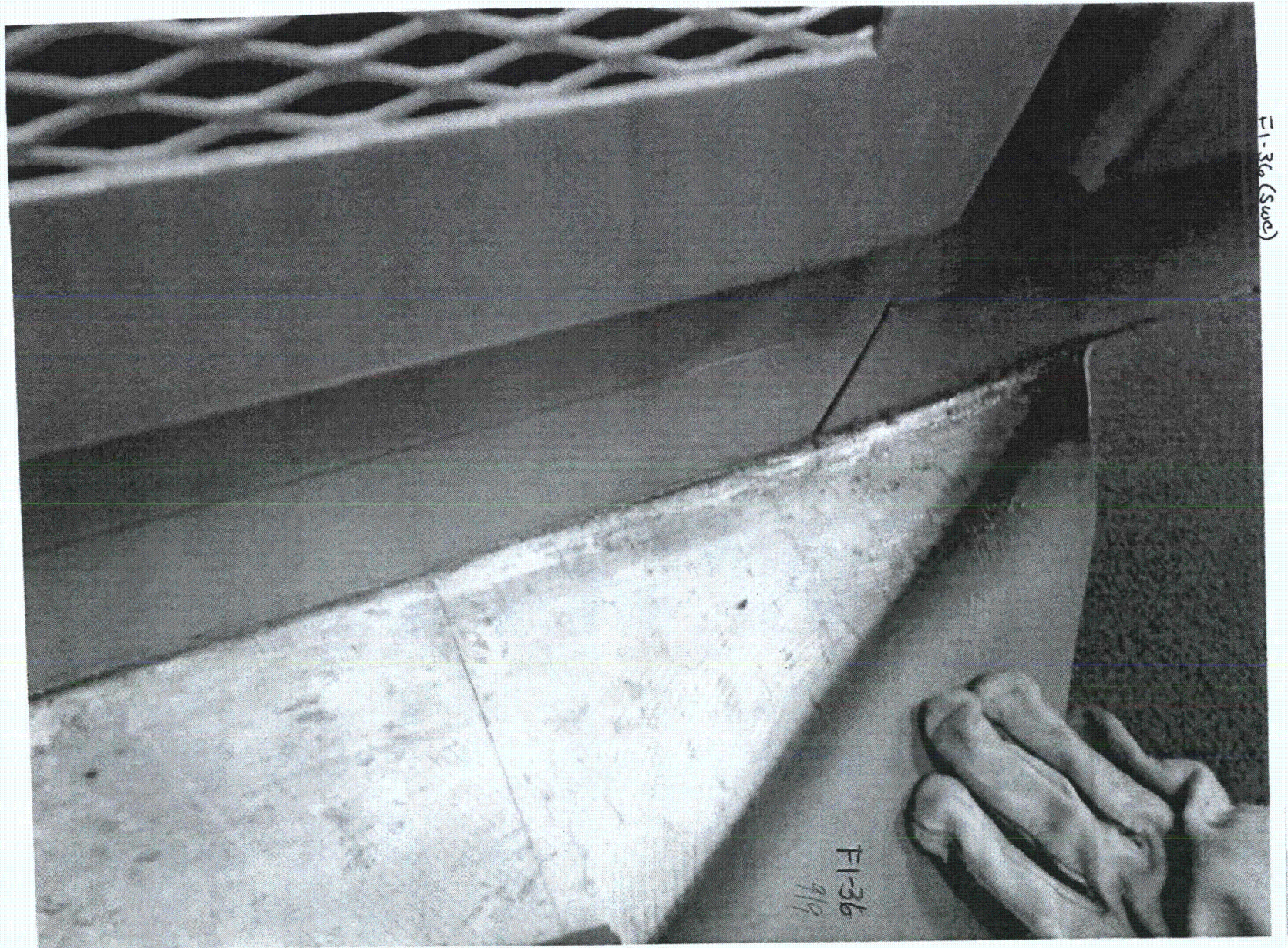
F1-36 (Swe)

F1-36

6/9







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Status: Y ☒ N ☐ U ☐**Seismic Walkdown Checklist (SWC)**Equipment ID No. Q1H11NGB2504J Equip. Class¹ _____Equipment Description BOP INSTRUMENTATION CABINET JLocation: Bldg. AUXILIARY Floor El. 155 Room, Area _____

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 ☐

ANCHORAGE CONFIGURATION VERIFIED AGAINST BEWS Q1H11NGB 2504J
DATED 5-24-94 AND SUPPLEMENTED 5-26-94

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

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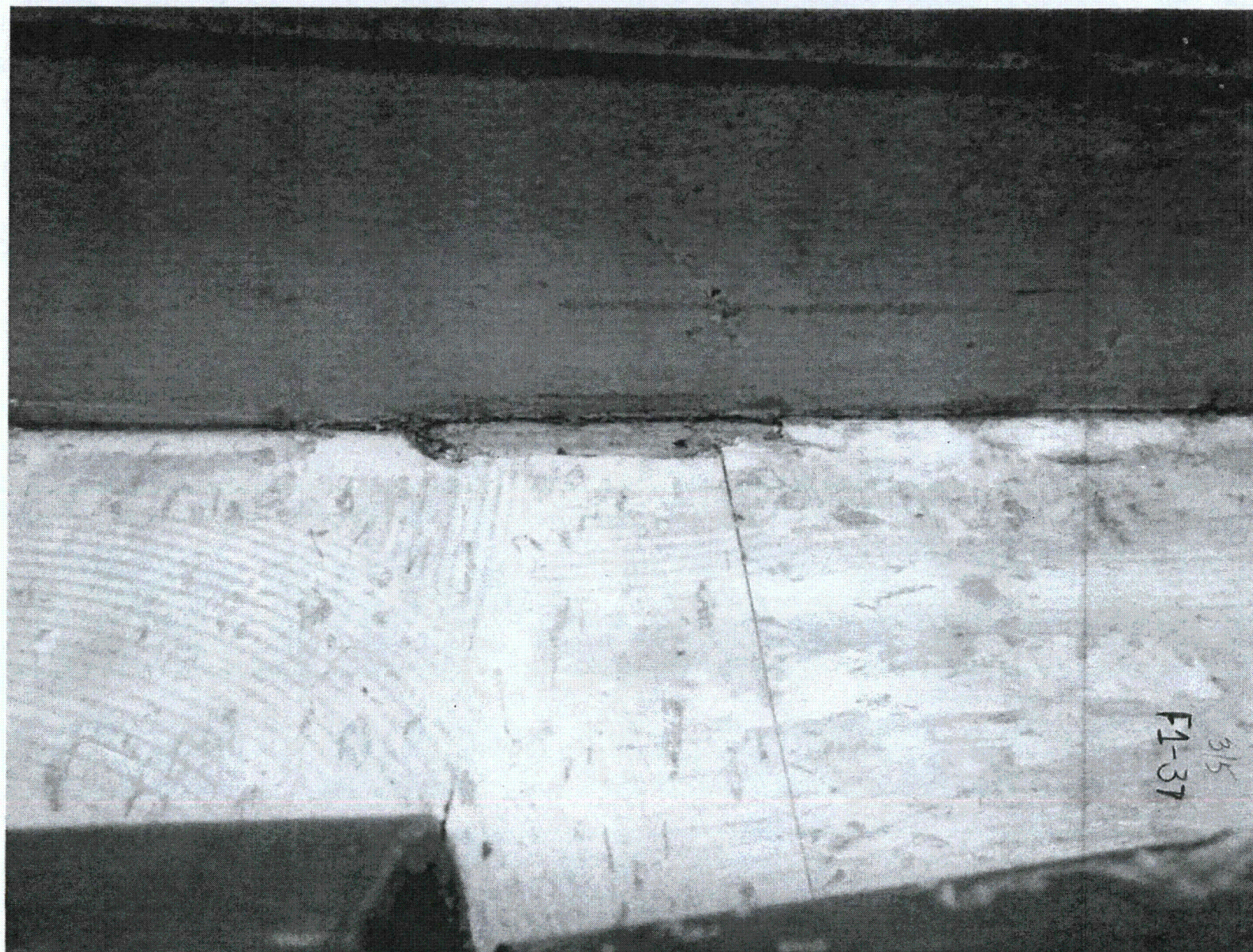
Status: Y ☒ N ☐ U ☐

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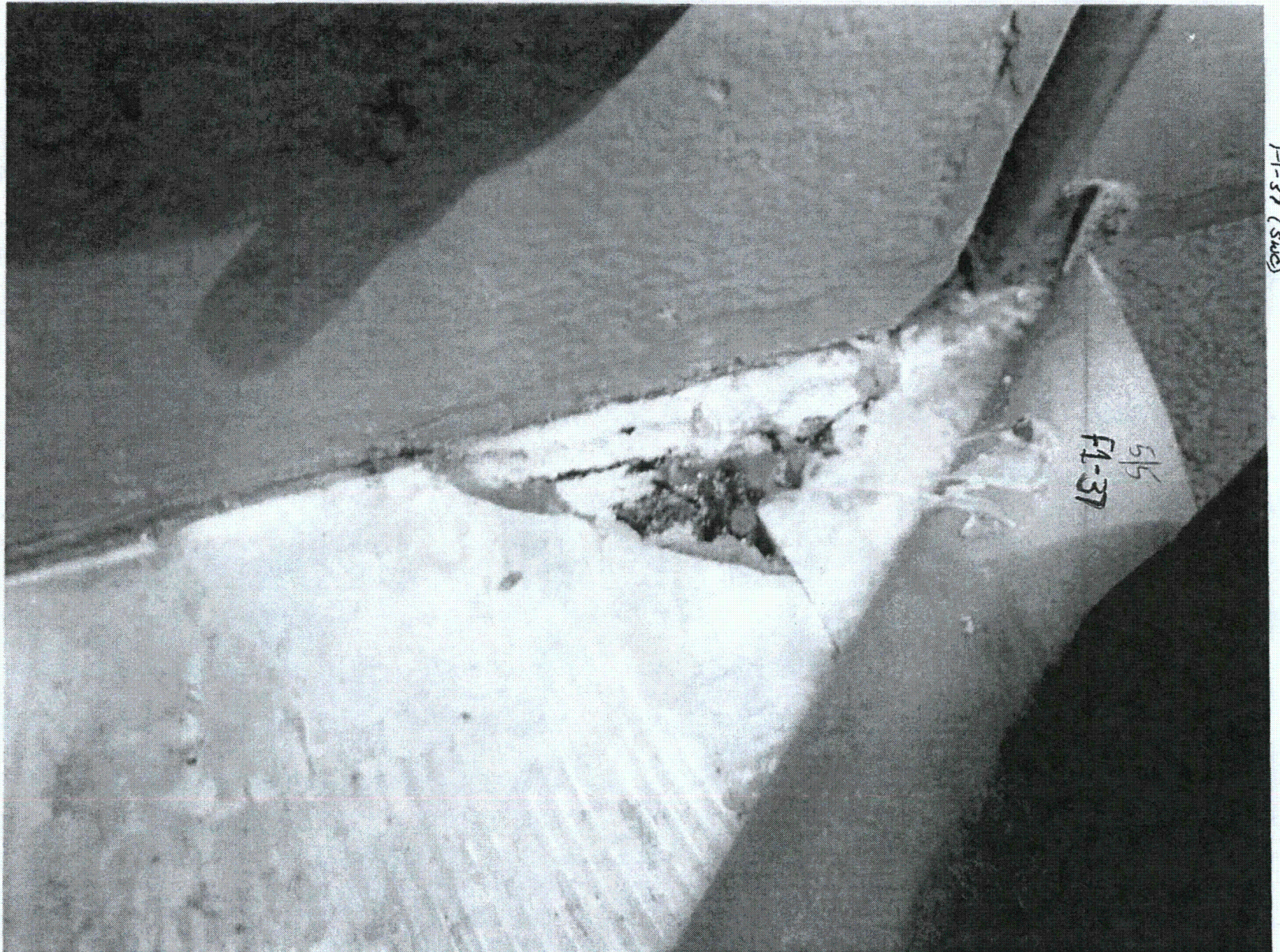
Seismic Walkdown Checklist (SWC)Equipment ID No. Q1H11NGB2504J Equip. Class¹ _____Equipment Description BOP INSTRUMENTATION CABINET J**Interaction Effects**7. Are soft targets free from impact by nearby equipment or structures? Y ☒ N ☐ U ☐ N/A ☐8. Are overhead equipment, distribution systems, ceiling 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)

AREA WALK BY DOCUMENTED IN PACKAGE F1-091

Evaluated by: S. YUAN Steph Y Date: 8-28-12P. MIKTUSPaul Miktus8-28-12







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 Sheet 1 of 85 *POM*
 Status: Y ☒ N ☐ U ☐ *3/21/11*
Seismic Walkdown Checklist (SWC)Equipment ID No. Q1H11NGNIS2503A Equip. Class¹ 20Equipment Description NIS Excore Detector CabinetLocation: Bldg. Aux Floor El. 155' Room, Area _____

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.)
Anchorage configurations were verified against the configurations of SEWS for Q1H11NGNIS2503A and Q2H11NGNIS2503A. 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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Status: Y ☒ N ☐ U ☐ 8/21/12

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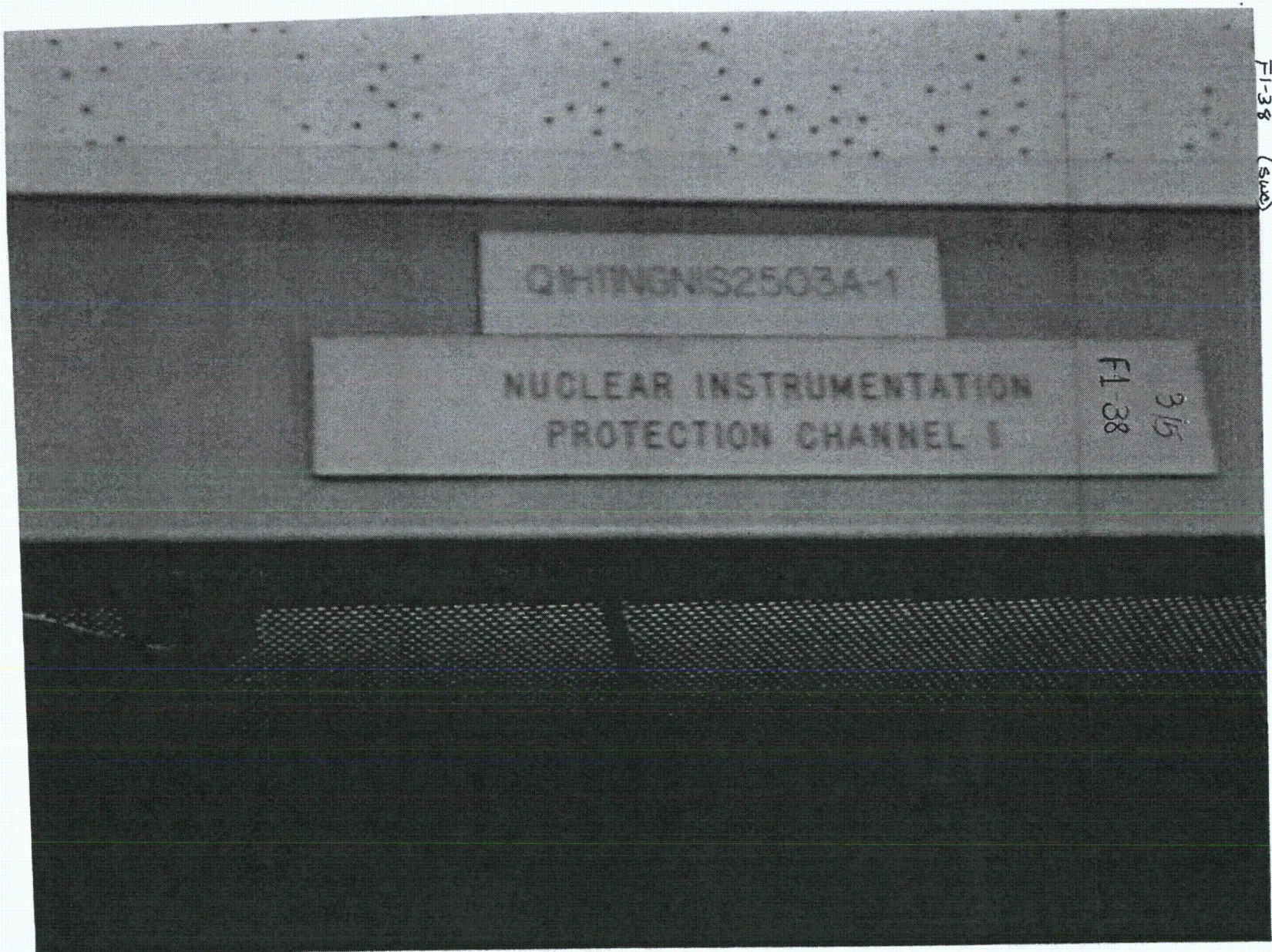
Seismic Walkdown Checklist (SWC)Equipment ID No. Q1H11NGNIS2503A Equip. Class: 20Equipment Description NIS Excore Detector Cabinet**Interaction Effects**

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)Evaluated by: Stephen YuanDate: 08-21-12Paul Mikus08-21-12







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PM 5/2/12
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Status: Y ☒ N ☐ U ☐**Seismic Walkdown Checklist (SWC)**Equipment ID No. Q1H11NGPIC2505C Equip. Class¹ 20Equipment Description Process Protection Cabinet Channel 3Location: Bldg. Aux Floor El. 155' Room, Area _____

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.)
Anchorage configurations were verified against the configurations in SEWS for Q1H11NGPIC2505C, Q1H11NGPIC2505H and Q1H11NGSSP2506J. 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.

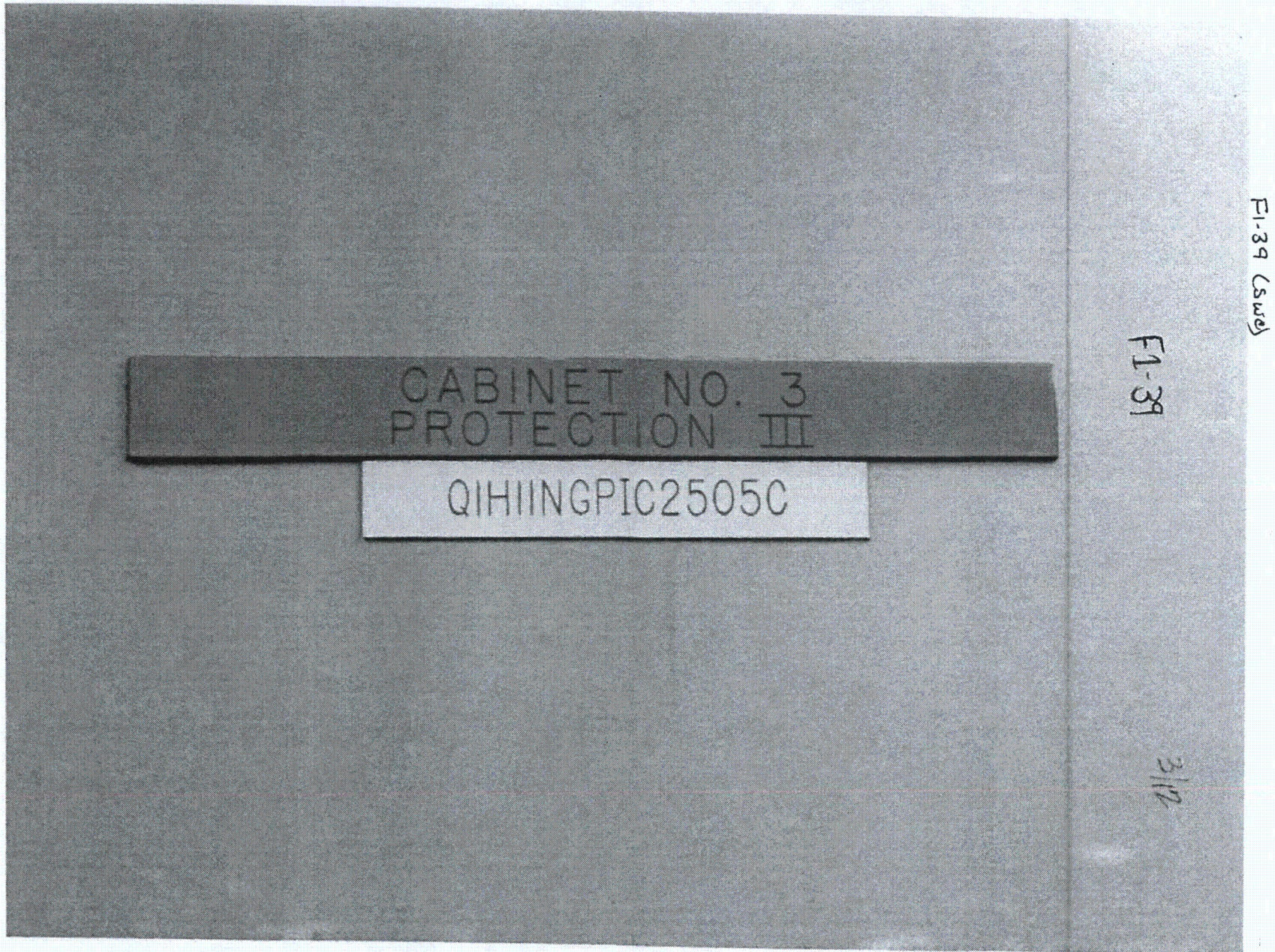
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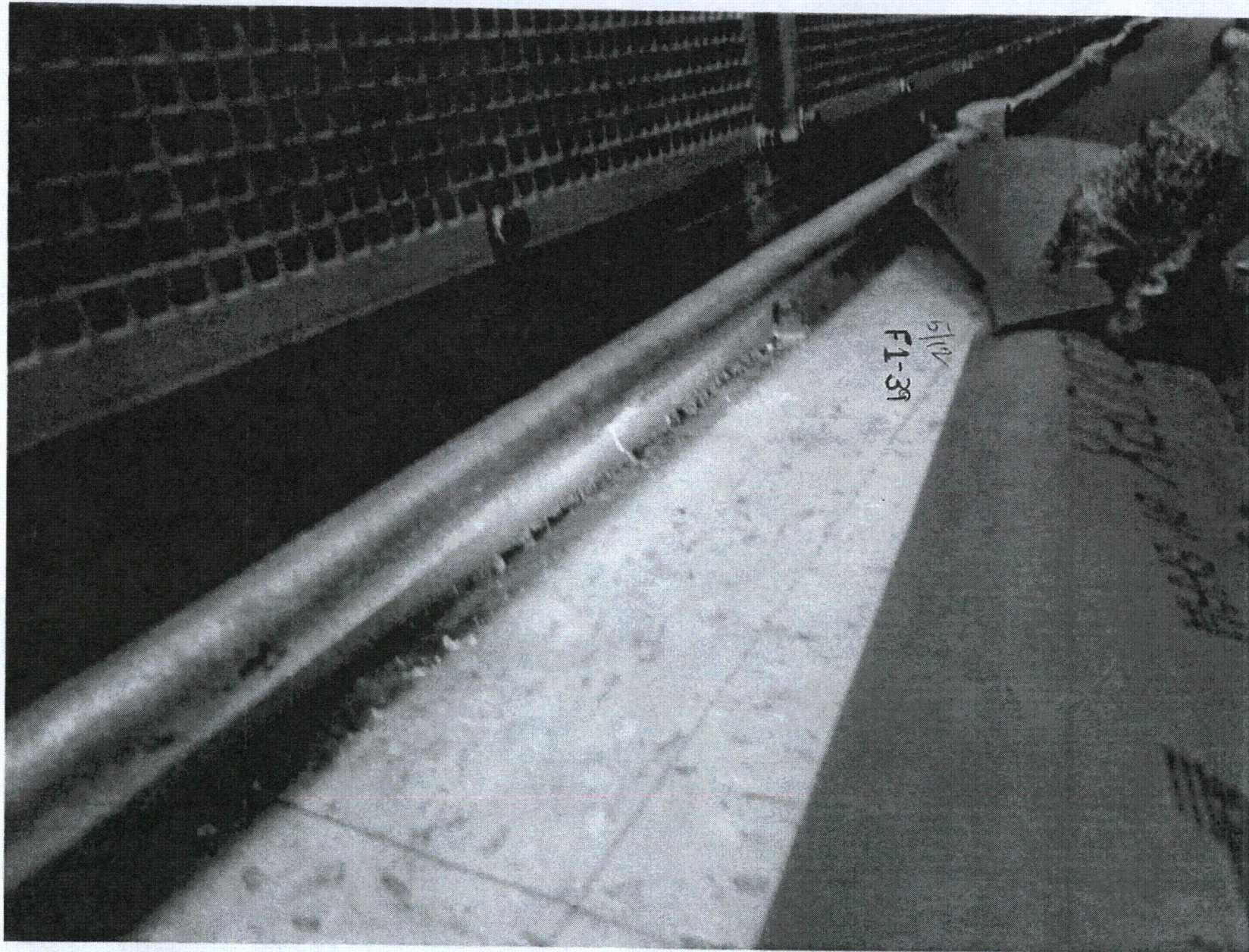
Status: Y ☒ N ☐ U ☐

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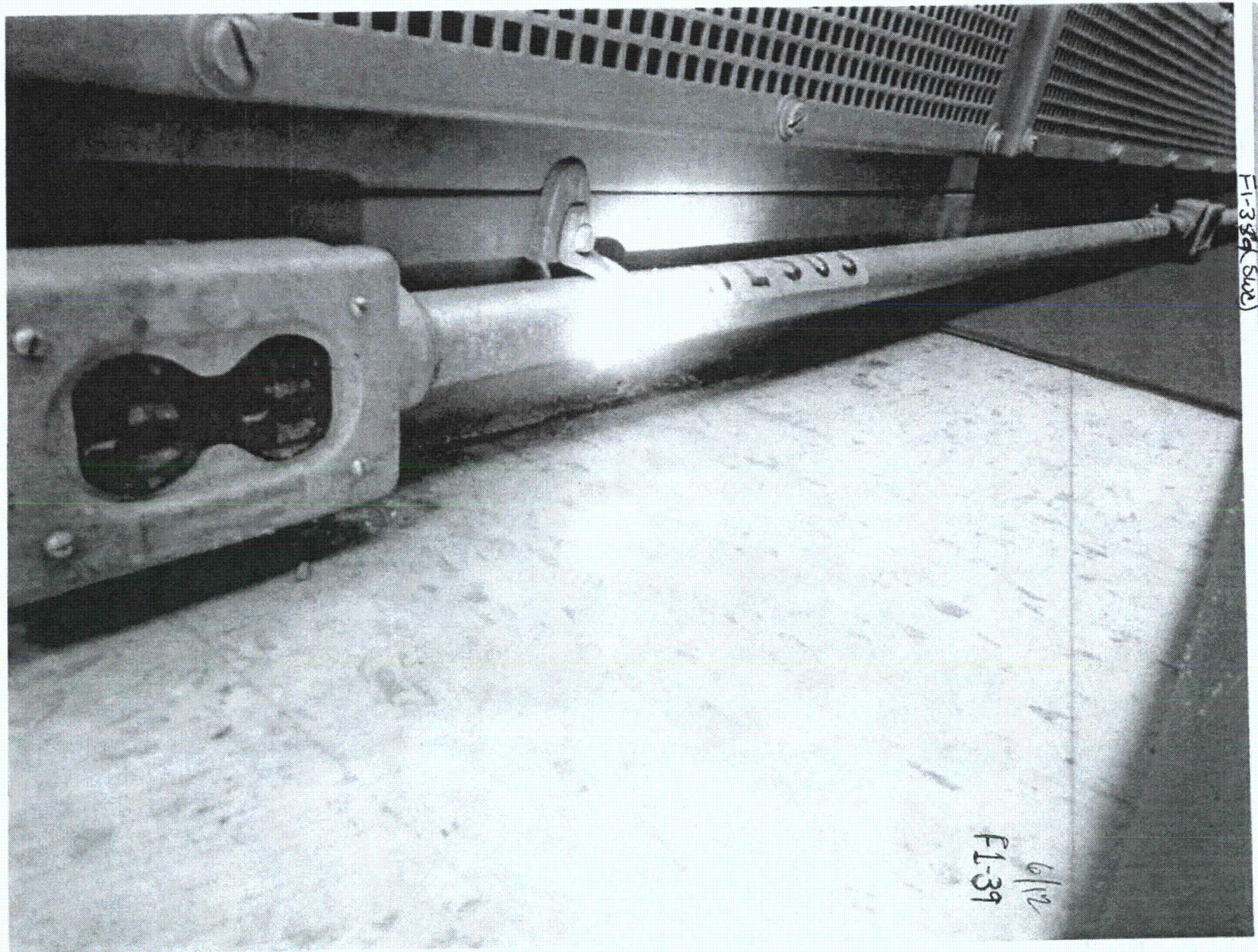
Seismic Walkdown Checklist (SWC)Equipment ID No. Q1H11NGPIC2505C Equip. Class¹ 20Equipment Description Process Protection Cabinet Channel 3**Interaction Effects**7. Are soft targets free from impact by nearby equipment or structures? Y ☒ N ☐ U ☐ N/A ☐8. Are overhead equipment, distribution systems, ceiling 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)Evaluated by: Paul MiktusDate: 08-21-12Stephen Yuan08-21-12

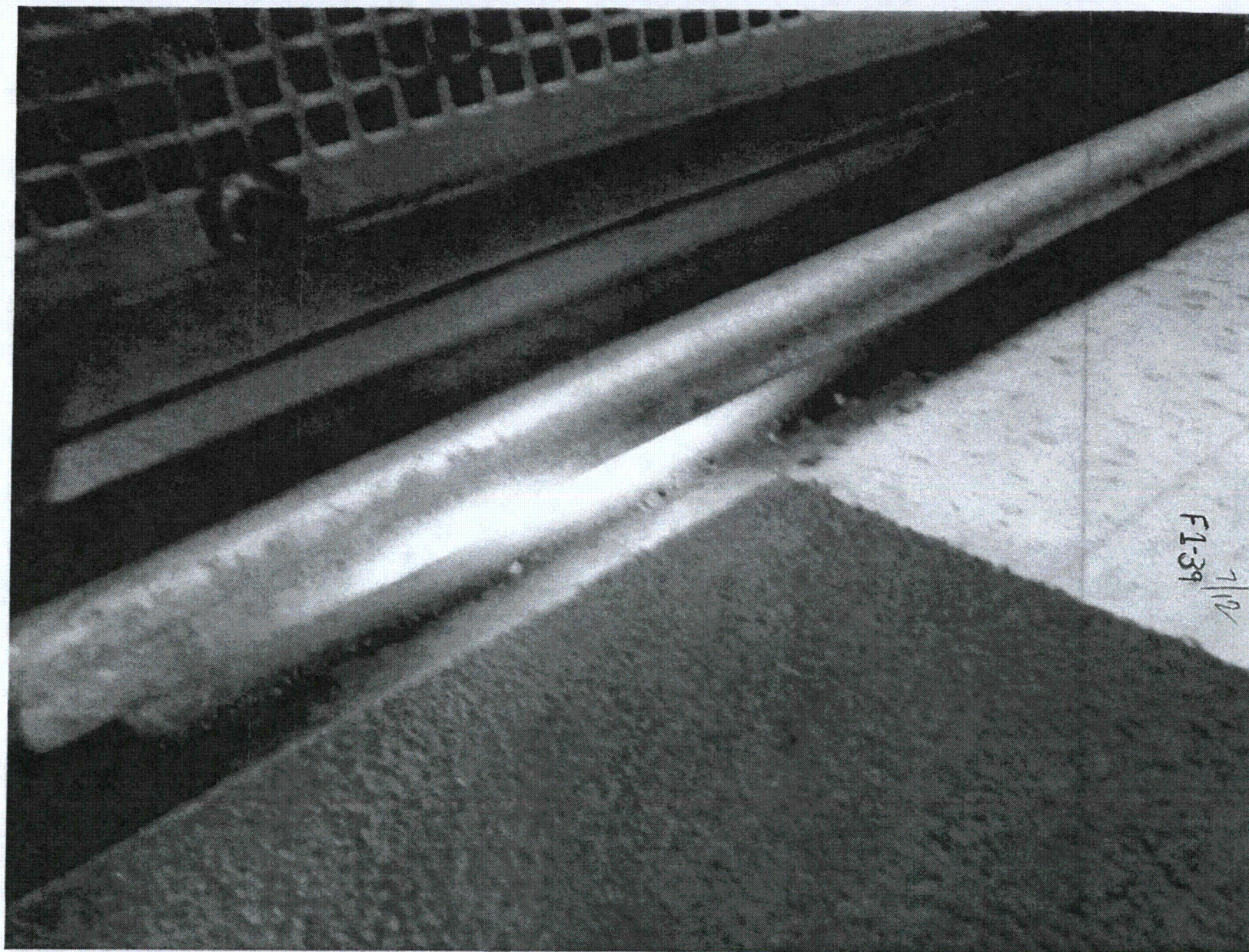


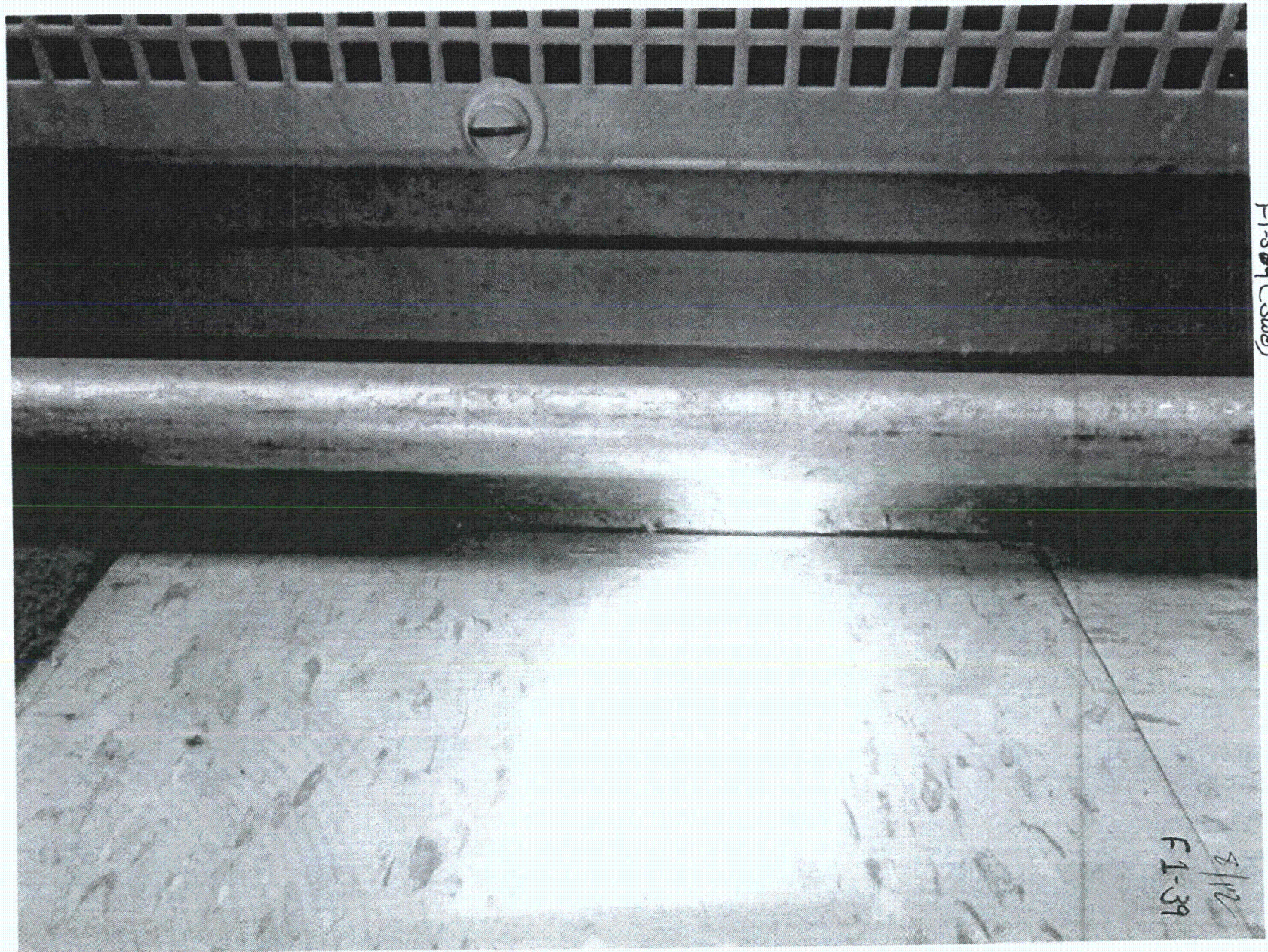


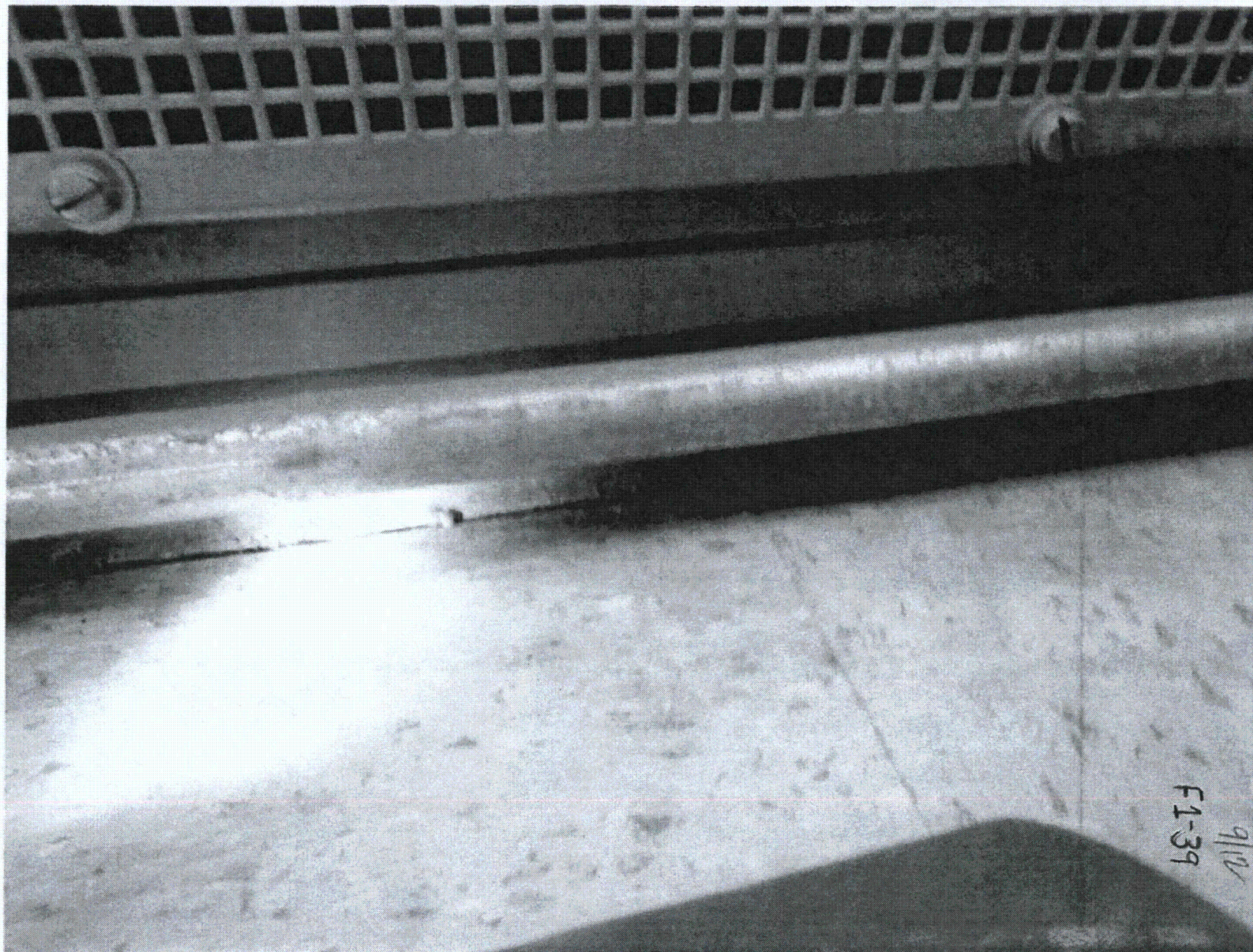


F1-39 (SWD)

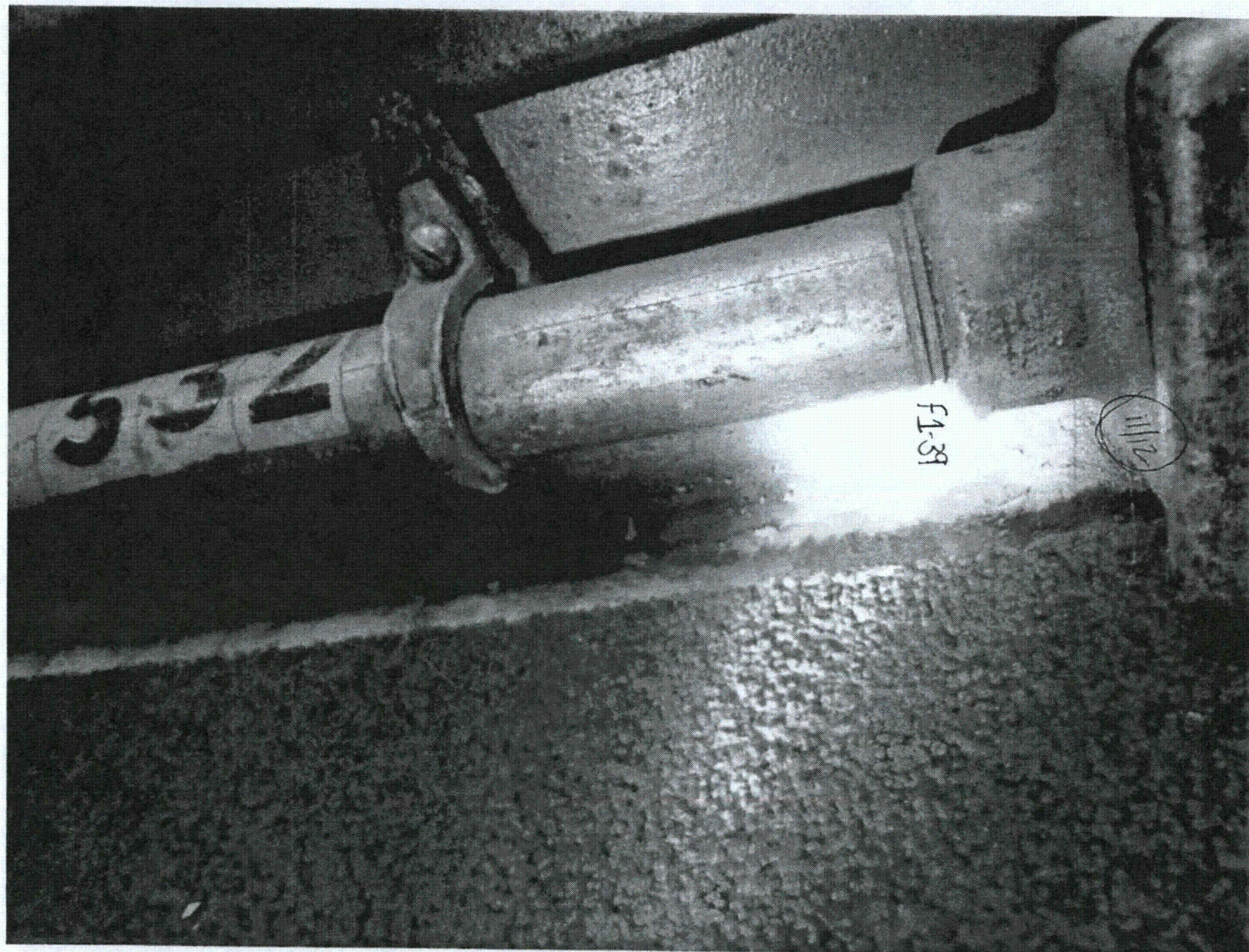












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