

Status: (Y) N U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1217-54-001 Equip. Class<sup>12</sup> 21Equipment Description ACCU HEAT EXCHANGERLocation: Bldg. AX Floor El. 220' Room, Area 12153

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

AXZD08A102<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1217-E4-001 Equip. Class<sup>12</sup> 21Equipment Description ACCW HEAT EXCHANGER**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

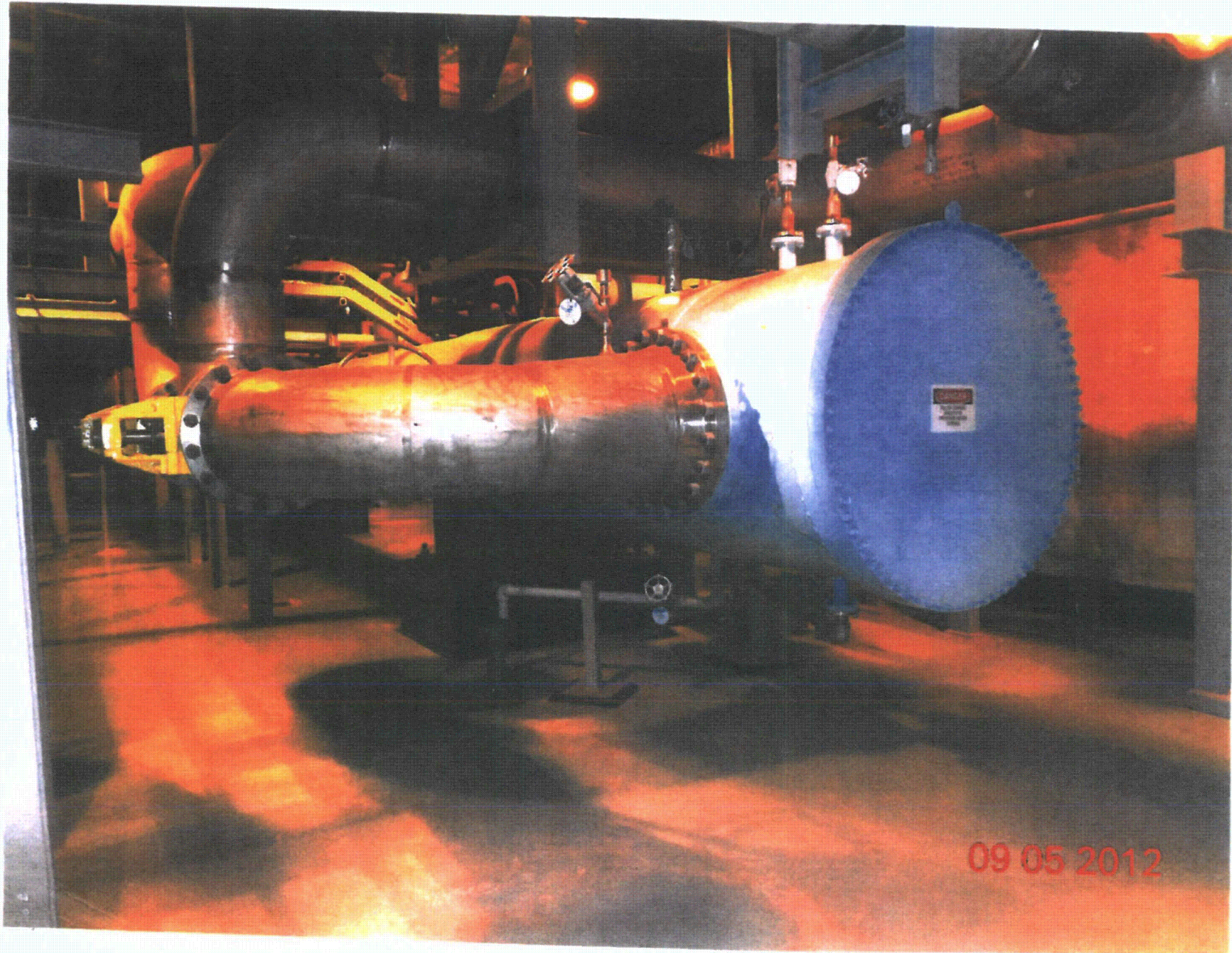
**Comments** (Additional pages may be added as necessary)NoneEvaluated by: James D. Dovel / JAMES DOVEL Date: 9-5-2012Winston Stewart / Winston Stewart 09/05/2012

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Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1302-P4-002 Equip. Class<sup>12</sup> 5Equipment Description AFW pump Motor DrivenLocation: Bldg. A02 F pump Floor El. 215' Room, Area 102

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.)  
Dwg 2X4AF03-20042 Ver. 1.0 ☒ Y ☐ N ☐ U ☐ N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1302-P4-002 Equip. Class<sup>12</sup> 5Equipment Description AFN Pump motor Driven**Interaction Effects**

7. Are soft targets free from impact by nearby equipment or structures? ☒ Y ☐ N ☐ U ☐ N/A ☐  
8-13-2012 DV *USED FOR HOLDING*  
*Bucket hold the suspended chain for overhead*  
*moment is acceptable*
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**

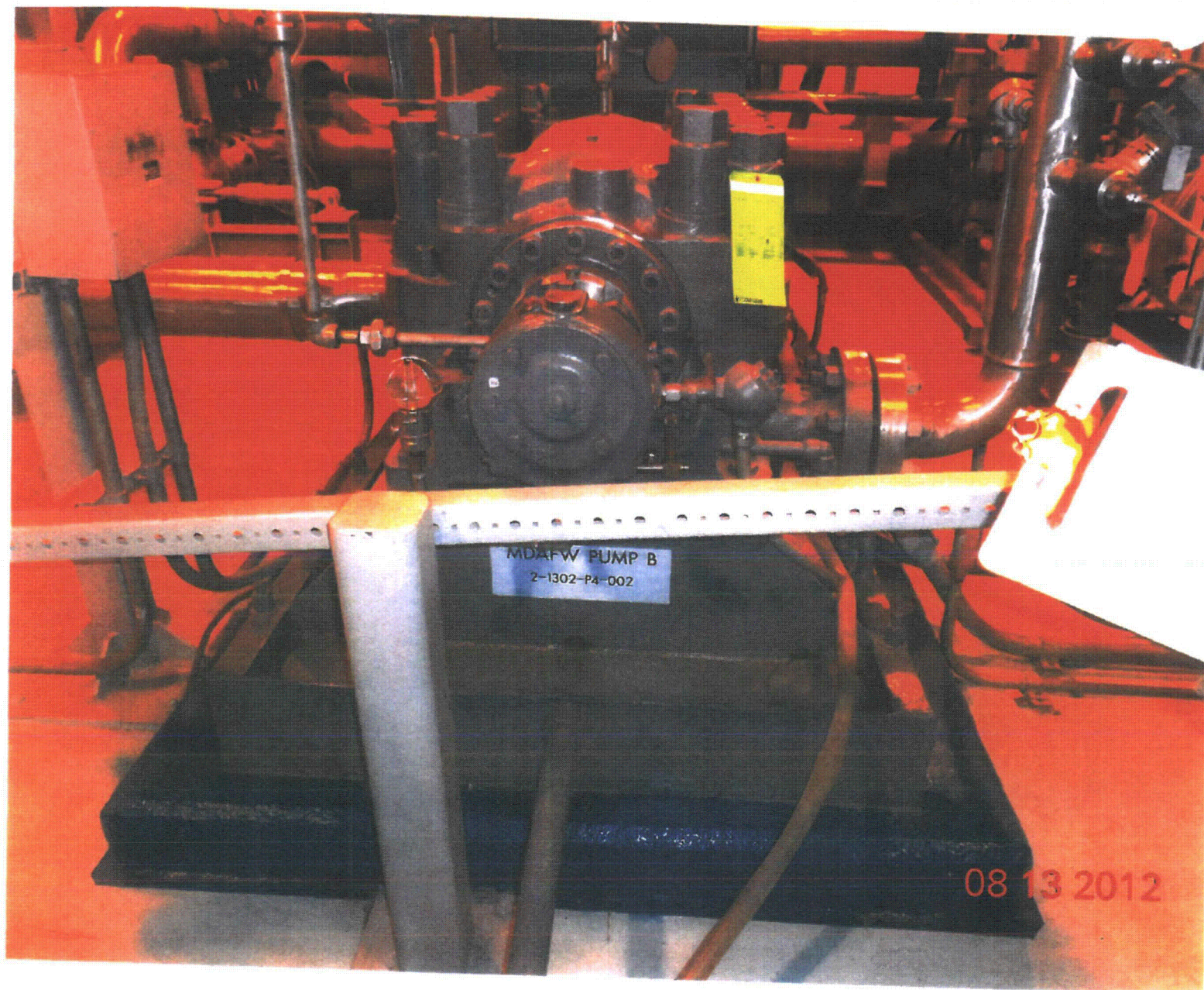
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ☒ Y ☐ N ☐ U ☐

**Comments** (Additional pages may be added as necessary)

NONE

Evaluated by: Frank C. Yao / Frank YAO Date: 8/13/2012David Volodarsky / DAVID VOLODARSKY 8-13-2012

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Sheet 1 of 2  
Status: ☒ Y ☐ N ☐ U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1302-1/4-001 Equip. Class<sup>12</sup> 21

Equipment Description Condensate Storage Tank No. 1

Location: Bldg. CST No. 1 Floor El. 220' Room, Area Yard

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  
*See comment*
  
3. Is the anchorage free of corrosion that is more than mild surface oxidation? ☒ Y ☐ N ☐ U ☐ N/A  
*See comment*
  
4. Is the anchorage free of visible cracks in the concrete near the anchors? ☒ Y ☐ N ☐ U ☐ N/A  
*See comment*
  
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 comment*
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

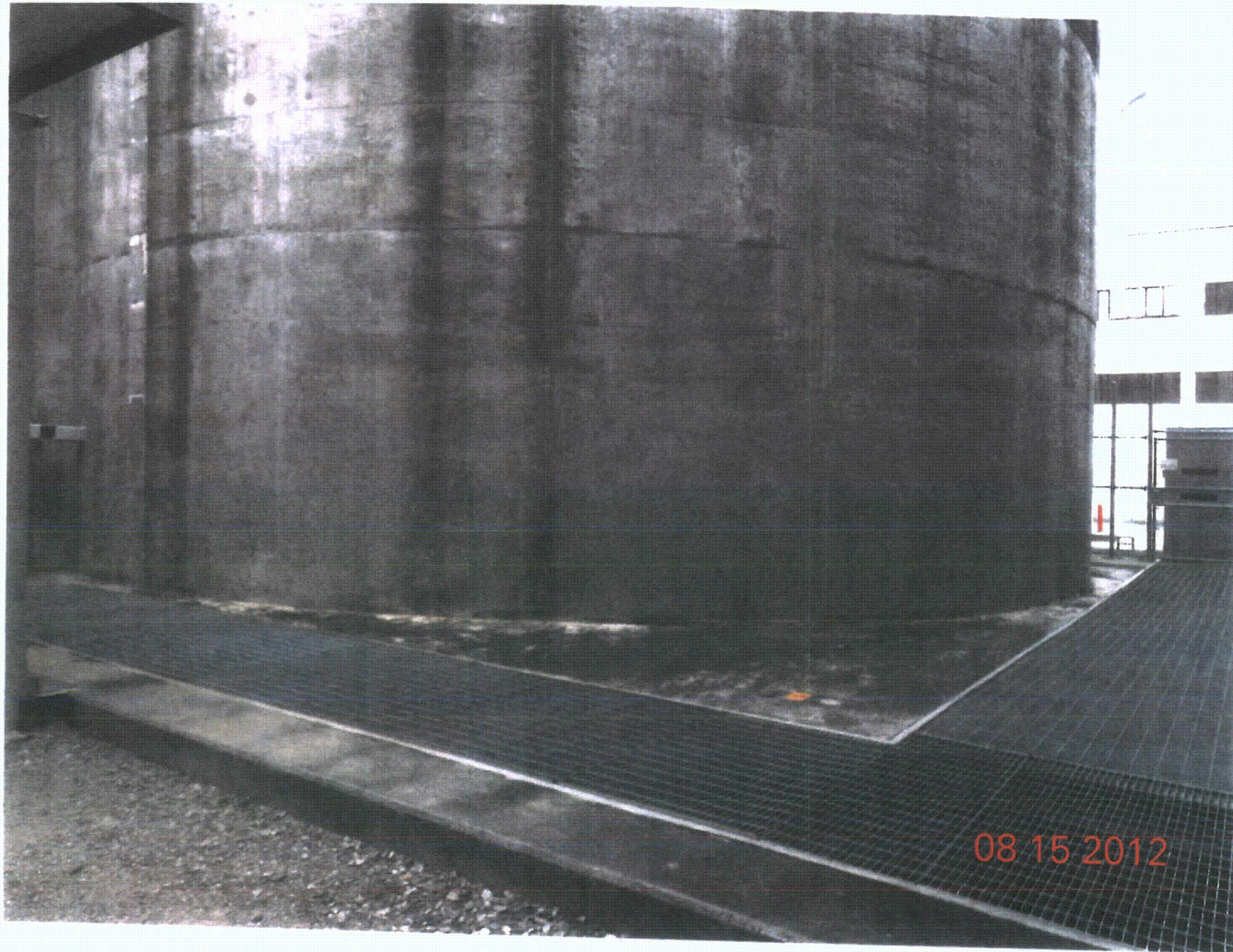
<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1302-V4-001 Equip. Class<sup>12</sup> 21Equipment Description Condensate Storage Tank No. 1**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/A*No overhead equipment are over the tank*9. 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**Comments** (Additional pages may be added as necessary)*The tank is concrete shell structure. Tank shell on top of concrete foundation has no sign of degradation or structural cracks. The hairline crack is superficial and no effect to the integrity of tank and is acceptable.*Evaluated by: Frank Yao / J. Chao Date: 8/15/2012PARIMAL GANDHI / P. Gandhi 8/15/2012

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Sheet 1 of 2

Status: ☒ N ☐ U**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1407-P5-SGS Equip. Class<sup>12</sup> 18 (Instrument Rack)  
 Equipment Description SG-B Isol. Solenoid Rack  
 Location: Bldg. AUX Floor El. 180'-0" Room, Area RB 130  
 Manufacturer, Model, Etc. (optional but recommended) Reliance Custom Controls

**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 ☐ N/A J.D. 8-16-12
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.)  
Ref. 2X5AB01-745-6 ☒ Y ☐ N ☐ U ☐ N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1407-P5-SGS Equip. Class<sup>12</sup> 18 (Instrument Rack)  
Equipment Description SG-B Isol. Solenoid Rack

**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**

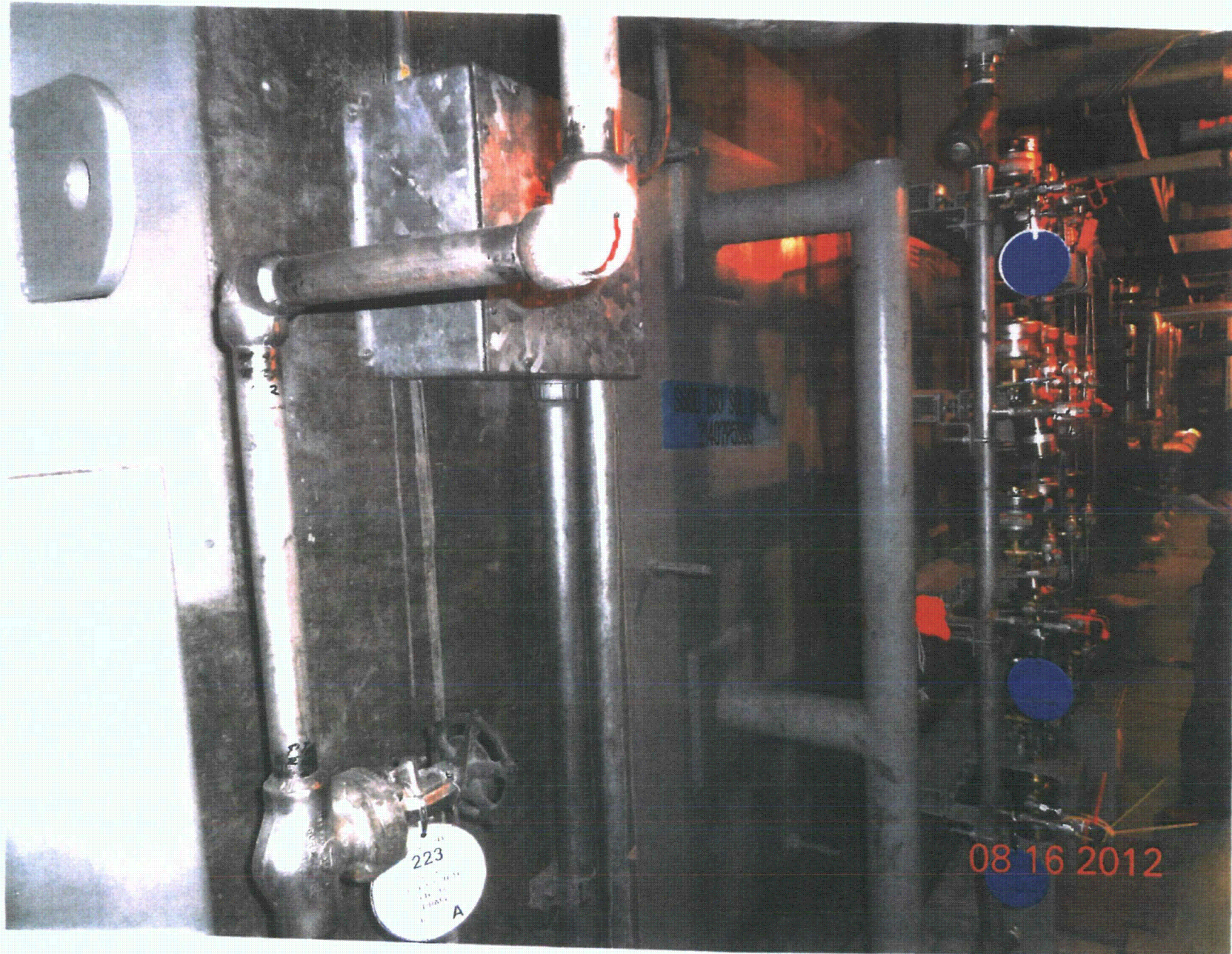
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ☒ Y ☐ N ☐ U

**Comments** (Additional pages may be added as necessary)None

Evaluated by: James D. ... / JAMES DOWD Date: 8-16-2012  
Winston Stewart 8/16/2012

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Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1500-Q5-HVC Equip. Class<sup>12</sup> 20Equipment Description HVAC PANELLocation: Bldg. CONTROL Floor El. 220' Room, Area R164

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  
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  
2X5AB01-00827, VER. 12.0
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1500-Q5-HVC Equip. Class<sup>12</sup> 20Equipment Description HVAC PANEL**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**

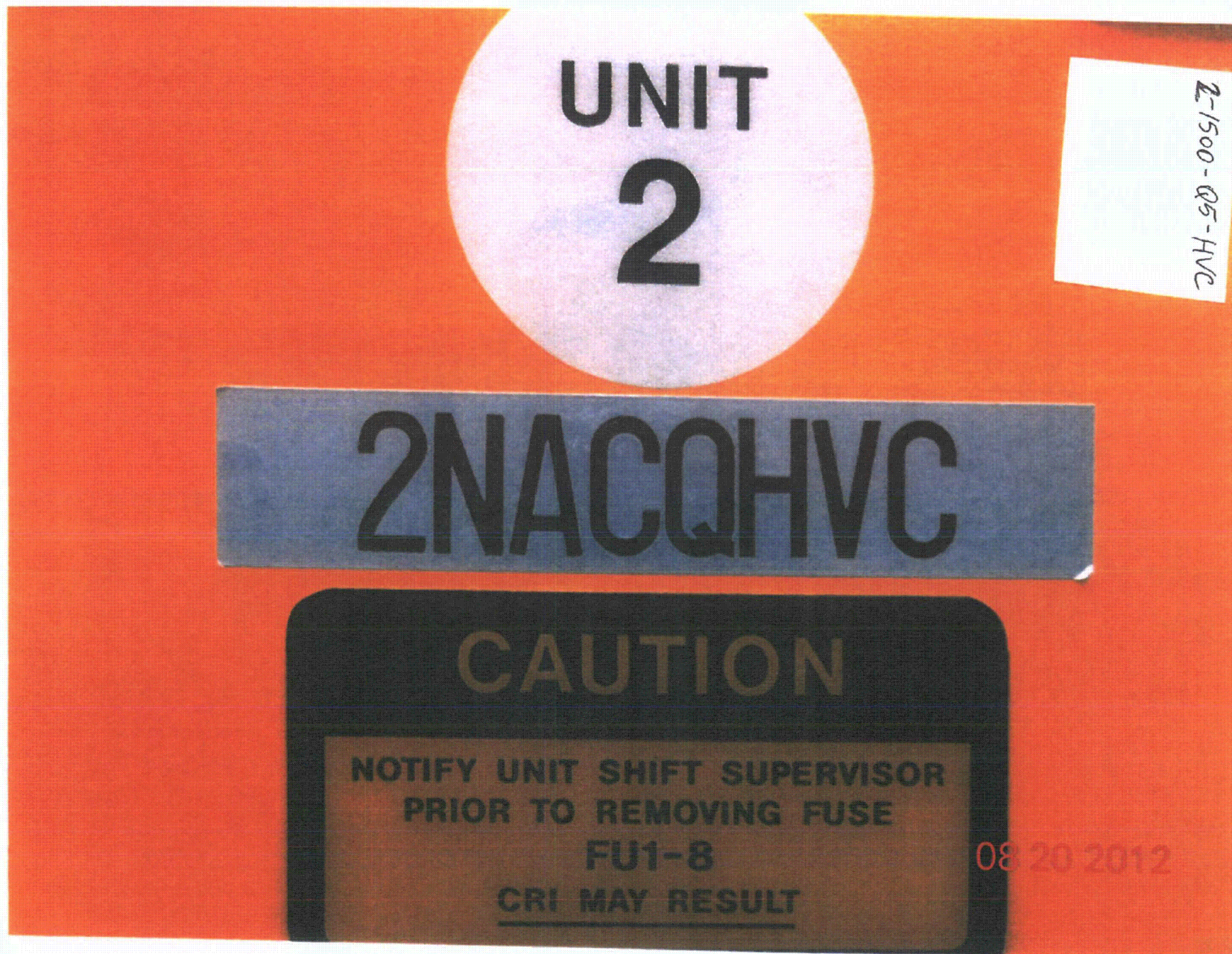
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ☒ Y ☐ N ☐ U

**Comments** (Additional pages may be added as necessary)NP/NE

Evaluated by: David Voloparsky DAVID VOLOPARSKY Date: 8/20/2012  
Matthew Wilkinson Matthew Wilkinson 8/20/2012

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Sheet 1 of 2

Status: Y N U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1531-N7-001 Equip. Class<sup>12</sup> 10 - AIR HANDLERSEquipment Description CONTROL BUILDING CONTROL ROOM FILTER UNITLocation: Bldg. CONTROL Floor El. 260'-0" Room, Area R 311Manufacturer, Model, Etc. (optional but recommended) AMERICAN AIR FILTER**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 ☒
- DRAWINGS: 2x4A107-201-11, SH1.1 OF 2; 2x4A107-533-3
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y ☒ N ☐ U ☐

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1531-N7-001 Equip. Class<sup>12</sup> 1B - AIR HANDLERSEquipment Description CONTROL BUILDING CONTROL ROOM FILTER UNIT**Interaction Effects**

7. Are soft targets free from impact by nearby equipment or structures? ☒ YES ☐ NO ☐ U ☐ N/A
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? ☒ YES ☐ NO ☐ U ☐ N/A
9. Do attached lines have adequate flexibility to avoid damage? ☒ YES ☐ NO ☐ U ☐ N/A
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? ☒ YES ☐ NO ☐ 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? ☒ YES ☐ NO ☐ U

**Comments** (Additional pages may be added as necessary)

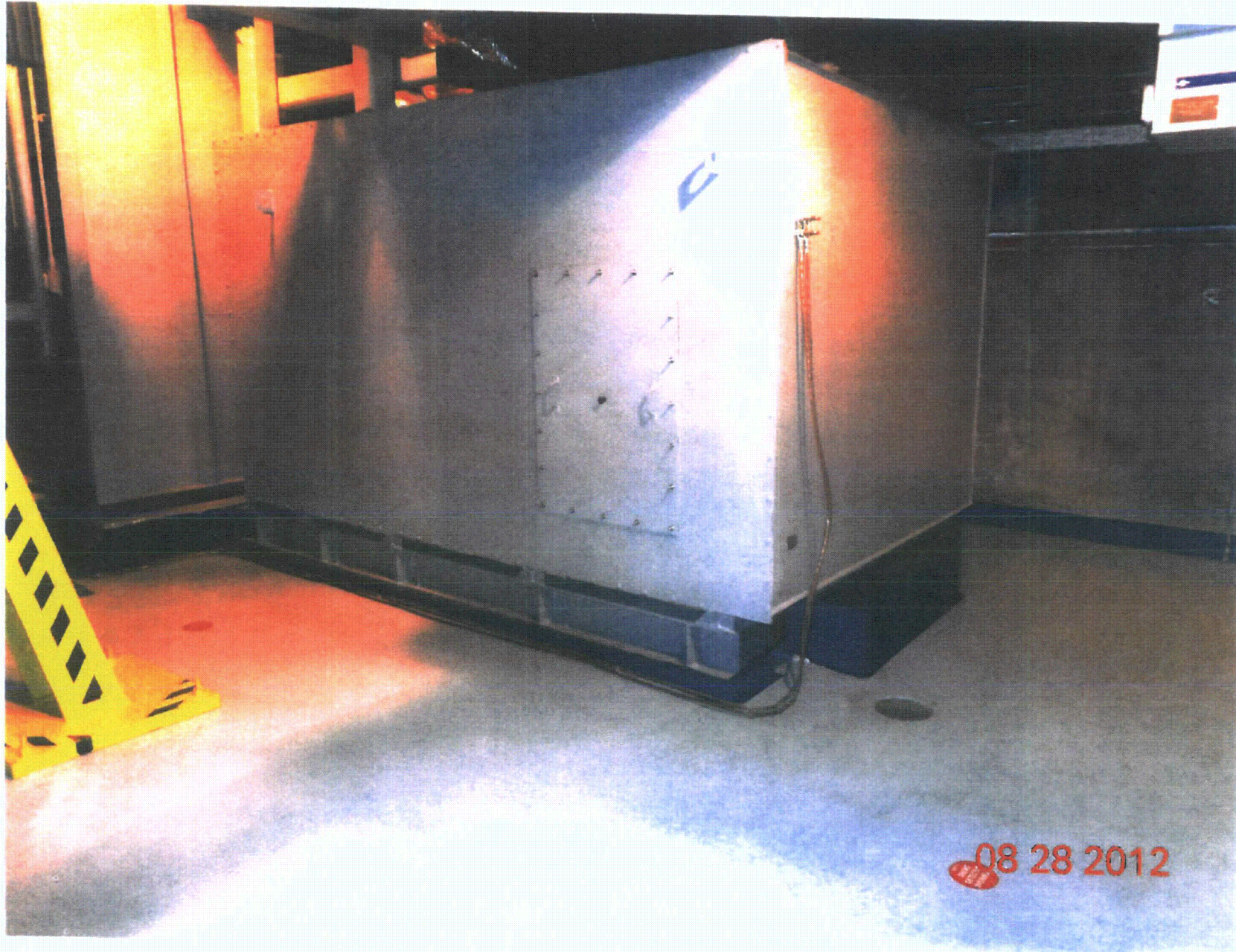
NONE

SEE 2-1531-B7-005-002 FOR AWC

Evaluated by: James Daul / JAMES DOUGL Date: 8-28-2012W.A. Stewart 8/28/2012

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08 28 2012

Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1539-A7-001-000 Equip. Class<sup>12</sup> 18Equipment Description CB AUX RELAY RM ESF A/C UNITLocation: Bldg CONTROL Floor El. 200' Room, Area RA81Manufacturer, Model, Etc. (optional but recommended) AMERICAN AIR FILTER**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
  
- EQDP X4 AJ06, REV. 2
  
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1539-A7-001-000 Equip. Class<sup>12</sup> 18Equipment Description CB AUX RELAY RM ESF A/C UNIT**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

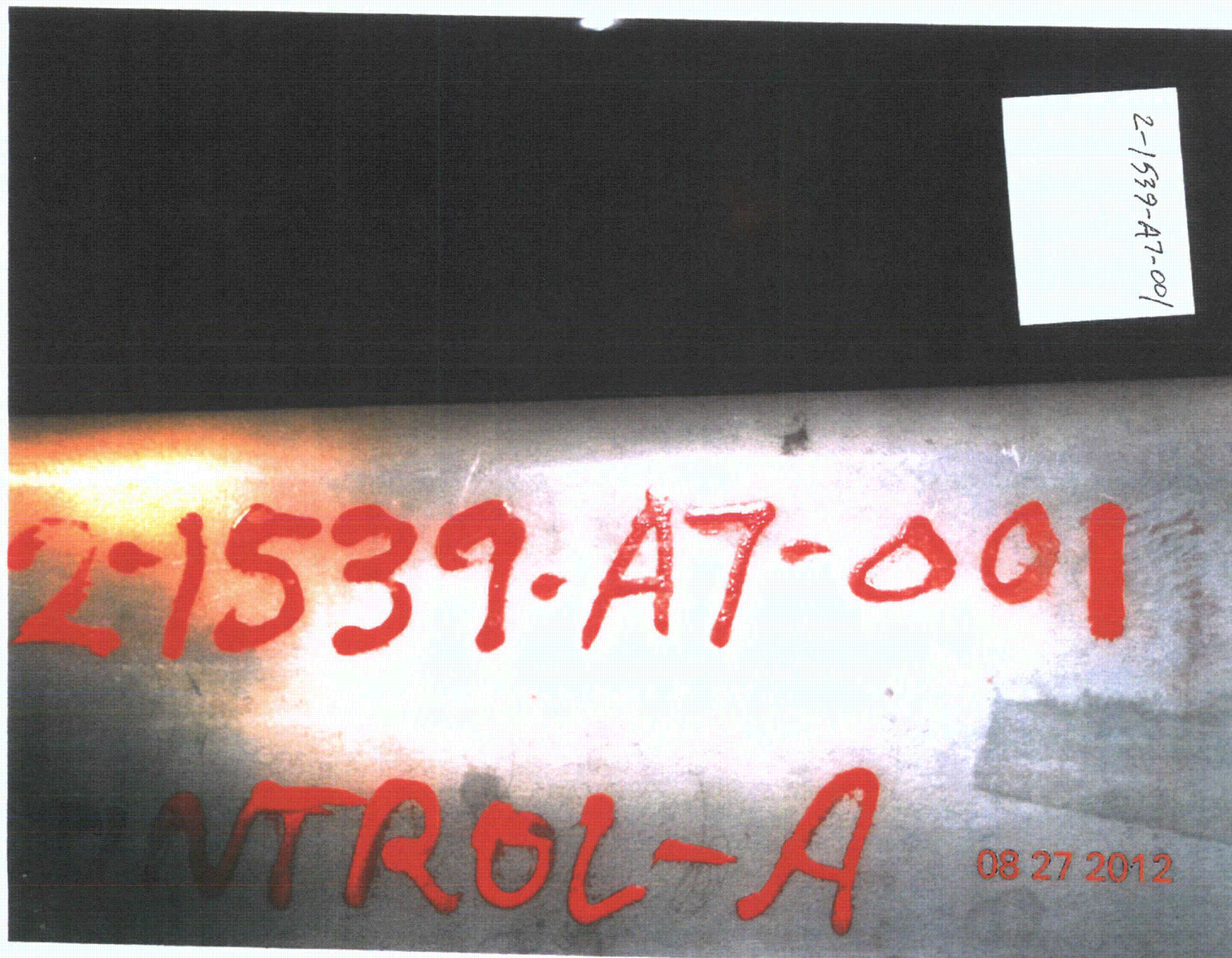
**Other Adverse Conditions**

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

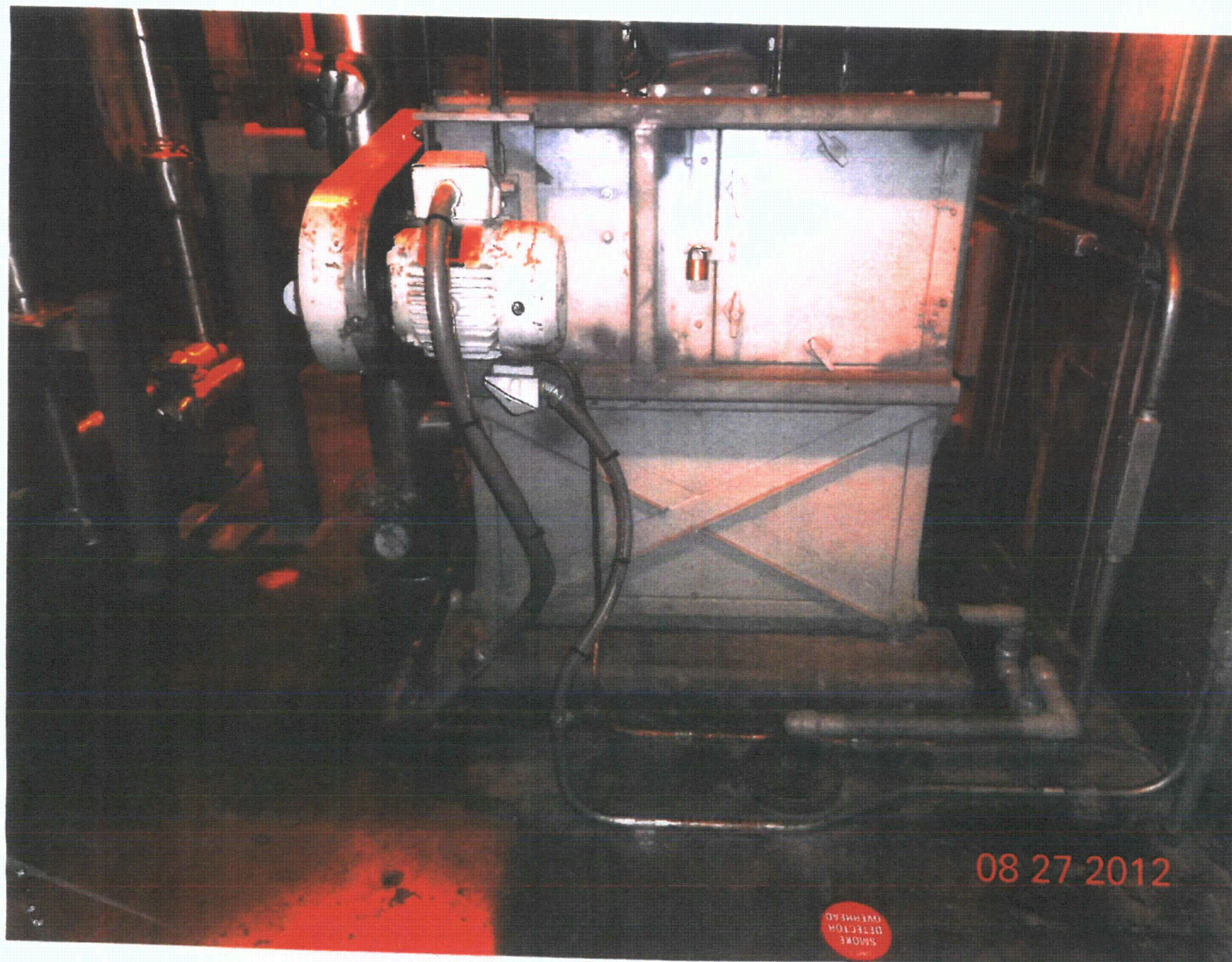
**Comments** (Additional pages may be added as necessary)NONEEvaluated by: David Volodarsky DAVID VOLODARSKY Date: 8/27/2012Matthew Wilkinson Matthew Wilkinson 8/27/2012

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Sheet 1 of 2  
 Status: ☒ Y ☒ N ☐ U 9-6-2012

**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1540-B7-003-000 Equip. Class<sup>12</sup> 9 - FANS

Equipment Description COOLING WATER TOWER CASE TUNNEL EXHAUST FAN

Location: Bldg. TUNNEL Floor El. 220 Room, Area PIPING TUNNEL 2T2A

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 ☐  
 SEE CR # 513338  
 Grout was missing on the anchor bolts area. The condition was documented on a CR to initiate action to correct the issue.  
 JEN. 10/27/12.
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 ☐

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1540-87-003-000 Equip. Class<sup>12</sup> 9Equipment Description EXHAUST FAN**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**

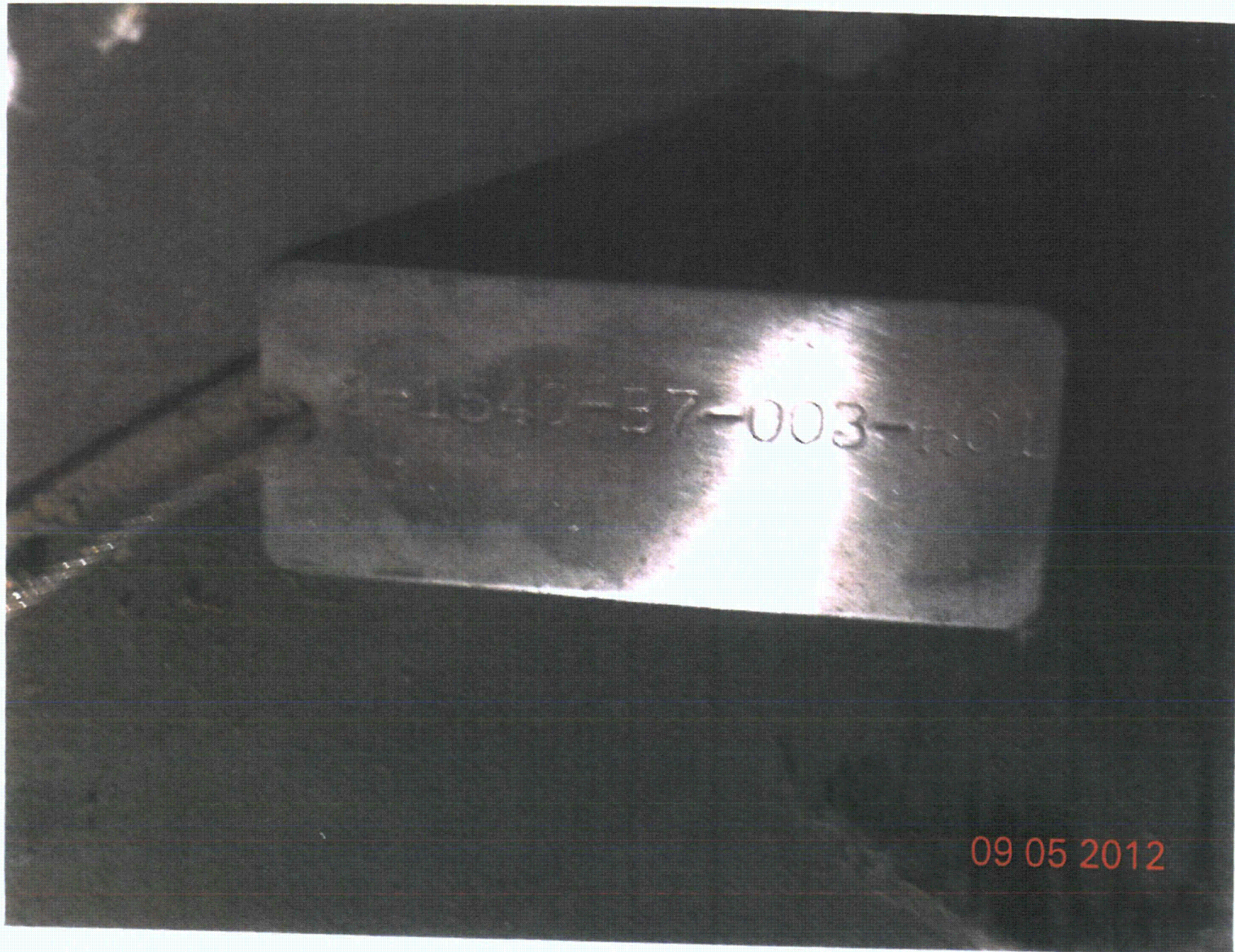
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ☒ Y ☐ N ☐ U ☐

**Comments** (Additional pages may be added as necessary)

Evaluated by: James Douzel / JAMES DOUZEL Date: 9-5-12

Jose R. Hernandez 9/05/12

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Sheet 1 of 2

Status: (Y) N U

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1555-A7-001-000 Equip. Class<sup>12</sup> AIR HANDLER - CLASS 10Equipment Description ELEC SWGR AND MCC ROOM COOLER ALocation: Bldg. AUX Floor El. 119'-3" Room, Area R002Manufacturer, Model, Etc. (optional but recommended) AMERICAN AIR FILTER COMPANY**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.)  
AX2008 G041, VER. 6.0 ☒ Y ☐ N ☐ U ☐ N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1555-A7-001-000 Equip. Class<sup>12</sup> 10 AIR HANDLERSEquipment Description ELEC SWGR AND MCC ROOM COOLER 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

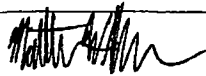
**Other Adverse Conditions**

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

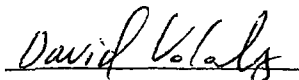
**Comments** (Additional pages may be added as necessary)

NONE

Evaluated by:

 Matthew Wilkinson

Date:

8/29/2012 DAVID VOLODARSKY8/29/2012

&lt; C-4 &gt;

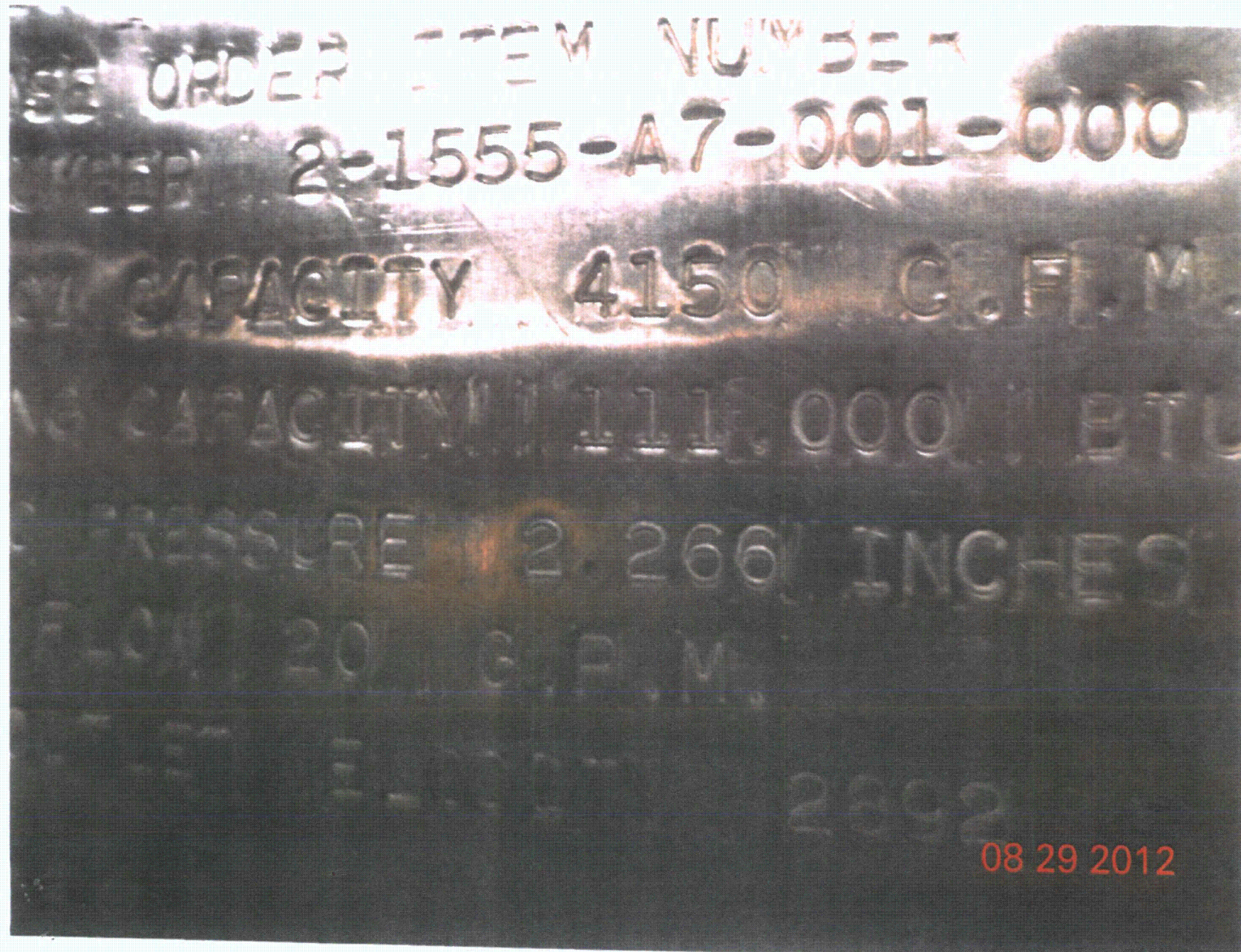




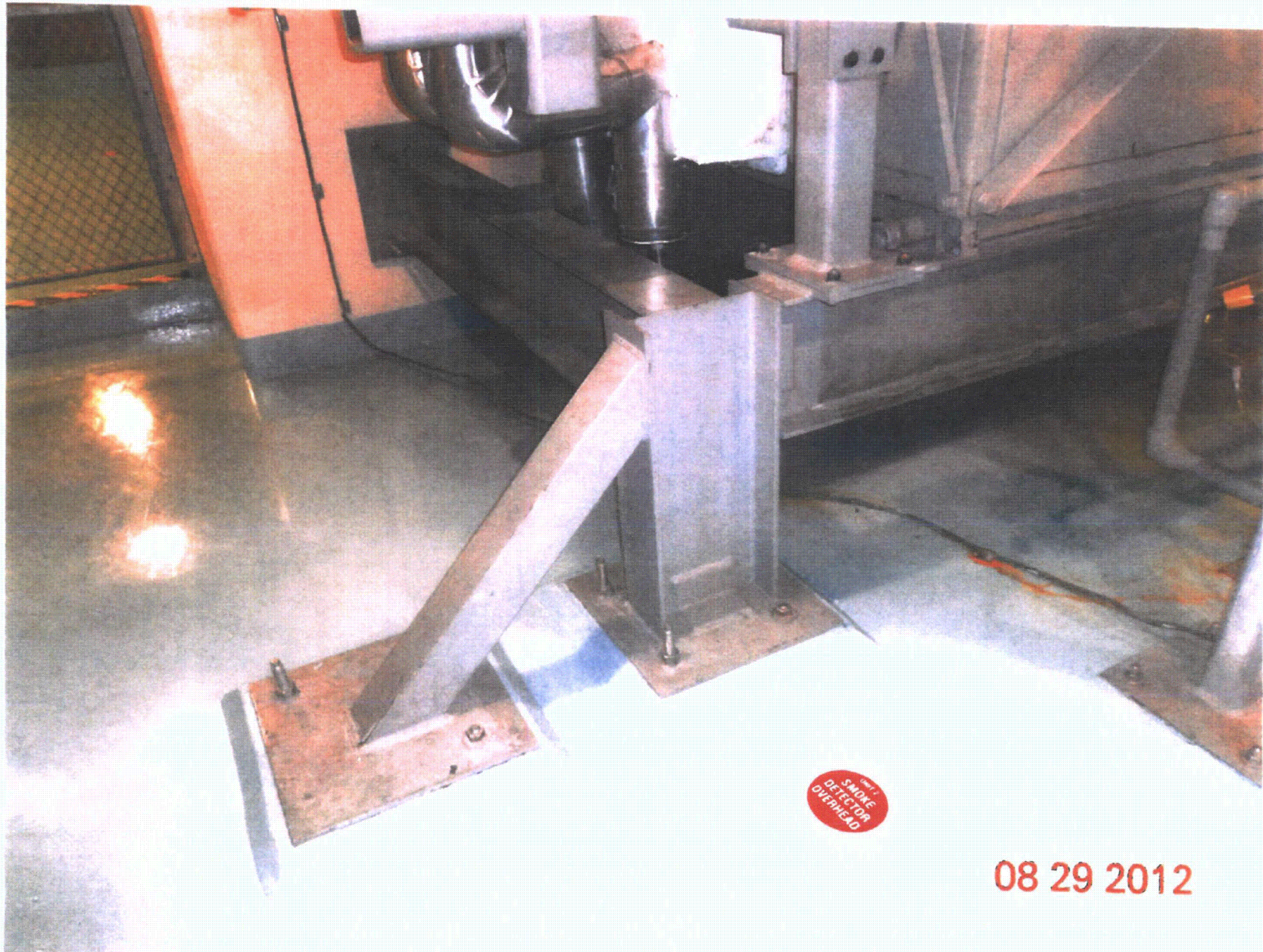












08 29 2012







Sheet 1 of 2

Status: ☒ Y ☒ N ☐ U

J.D. 9-4-12

**Seismic Walkdown Checklist (SWC)**Equipment ID No. Z-1561-N7-001-000 Equip. Class<sup>12</sup> 10 - Air HandlersEquipment Description PIPING PENETRATION ROOM FILTRATION AND EXHAUST UNITLocation: Bldg. AUX Floor El. 245'-0" Room, Area R219Manufacturer, Model, Etc. (optional but recommended) American Air Filter**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  
 VISIBLE CRACKS NEAR ANCHORS APPEAR ONLY IN THE GROUT ON TOP OF PENETRAL. NO CRACKS APPEAR IN CONCRETE PENETRAL, NOT A SEISMIC CONCERN
  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.)
- Drawing: 2X40J07-274-6; AX2008A114, Ver. 11
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1561-N7-001-000 Equip. Class<sup>12</sup> 10 AIR HANDLERS  
 Equipment Description PLDING PENETRATION ROOM FILTRATION AND EXHAUST UNIT

**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  
 ATTACHED WALK DUCT IS ANCHORED TO THE CEILING, FLOOR AS WELL AS THE UNIT ITSELF. A REVIEW OF THE RESPONSE SPECTRA FOR BOTH THE CEILING AND FLOOR SHOWS THAT THEY HAVE THE SAME PEAK ACCELERATION.  
 (CONT'D BELOW)
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) (CONT'D FROM ITEM # 9 ABOVE)

SINCE BOTH THE ROOF AND FLOOR HAVE THE SAME PEAK SEISMIC ACCELERATION, NO DIFFERENTIAL MOVEMENT IS EXPECTED. THEREFORE, THE ~~SUPPORT~~ "AS INSTALLED" CONDITION IS ACCEPTABLE.  
 J.D. 9-4-12

Evaluated by: James Daul / JAMES DAUL Date: 9-4-2012

W. H. H. / Winston Stewart 09/04/2012

&lt; C-4 &gt;











Sheet 1 of 2  
Status: Y N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No. 2-1592-C7-001 Equip. Class<sup>12</sup> 11 - Chillers

Equipment Description ESF CHILLER

Location: Bldg. CONTROL Floor El. 260'-0" Room, Area R 310

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 ☐

DRAWINGS: AX2011A033, Ver. 15.0; AX2044V004, Rev 4

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1592-C7-001 Equip. Class<sup>12</sup> 11 - ChillersEquipment Description ESF CHILLER**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**

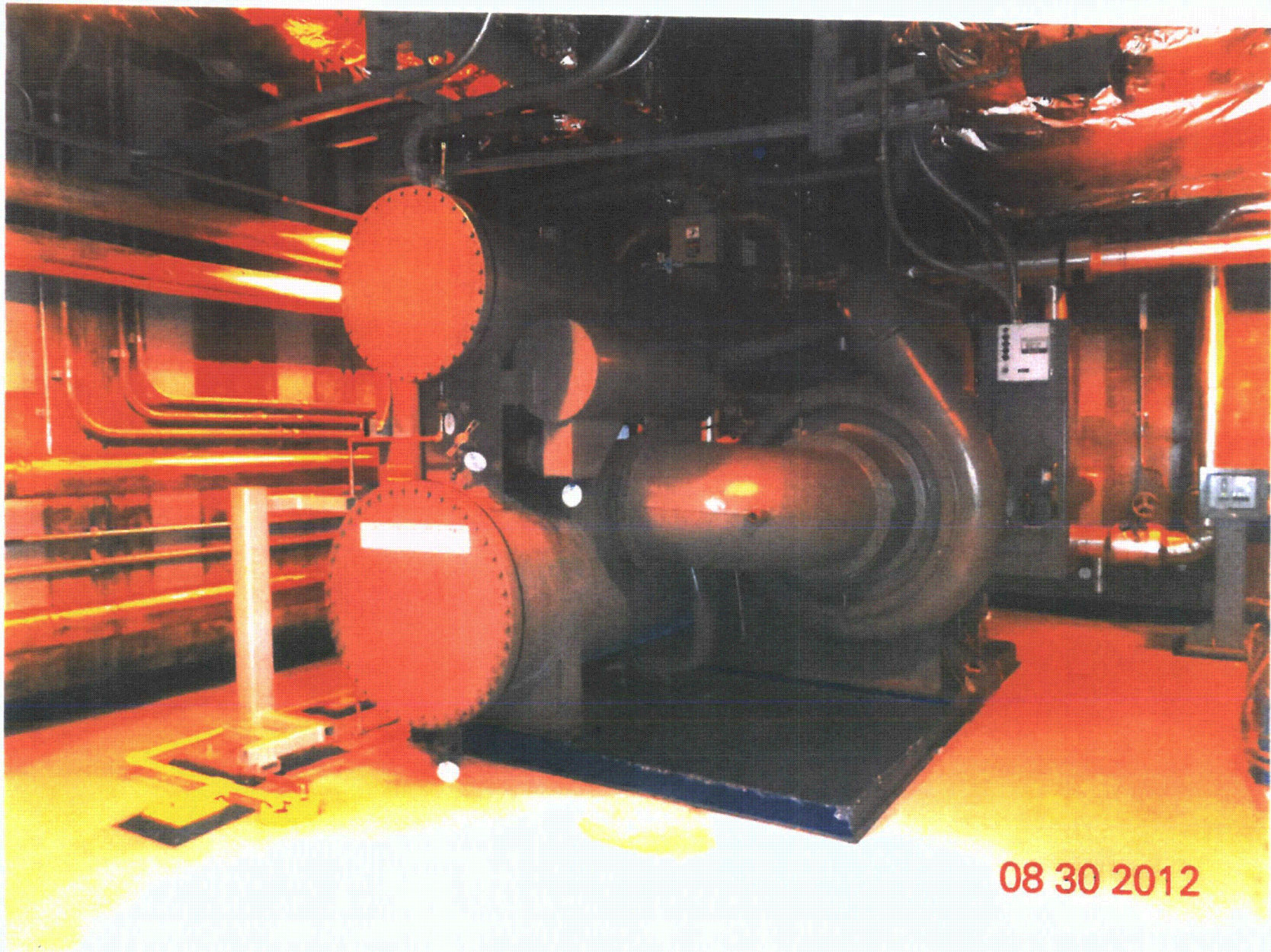
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

**Comments** (Additional pages may be added as necessary)None.

Evaluated by: Frank Yac / John S... Date: 8/30/12  
Winston Stewart / WJH 08/30/2012

&lt; C-4 &gt;











Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. Z-1592-P7-001 Equip. Class<sup>12</sup> 5-HORIZONTAL PUMPEquipment Description ESF CHILLED WATER PUMPLocation: Bldg. CONTROL Floor El. 260'-0" Room, Area R310  
LEVEL 2Manufacturer, Model, Etc. (optional but recommended) GOULDS PUMPS, INC.**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 ☐ N/A *W.S. 8/28/2012*

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

*DRAWINGS: AX2011A33, Ver. 15.0, 2x4A105-00000; AX2094V009, Rev. 4*

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

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1592-P7-001 Equip. Class<sup>12</sup> 5 - HORIZONTAL PUMPEquipment Description ESF CHILLED WATER PUMP**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**

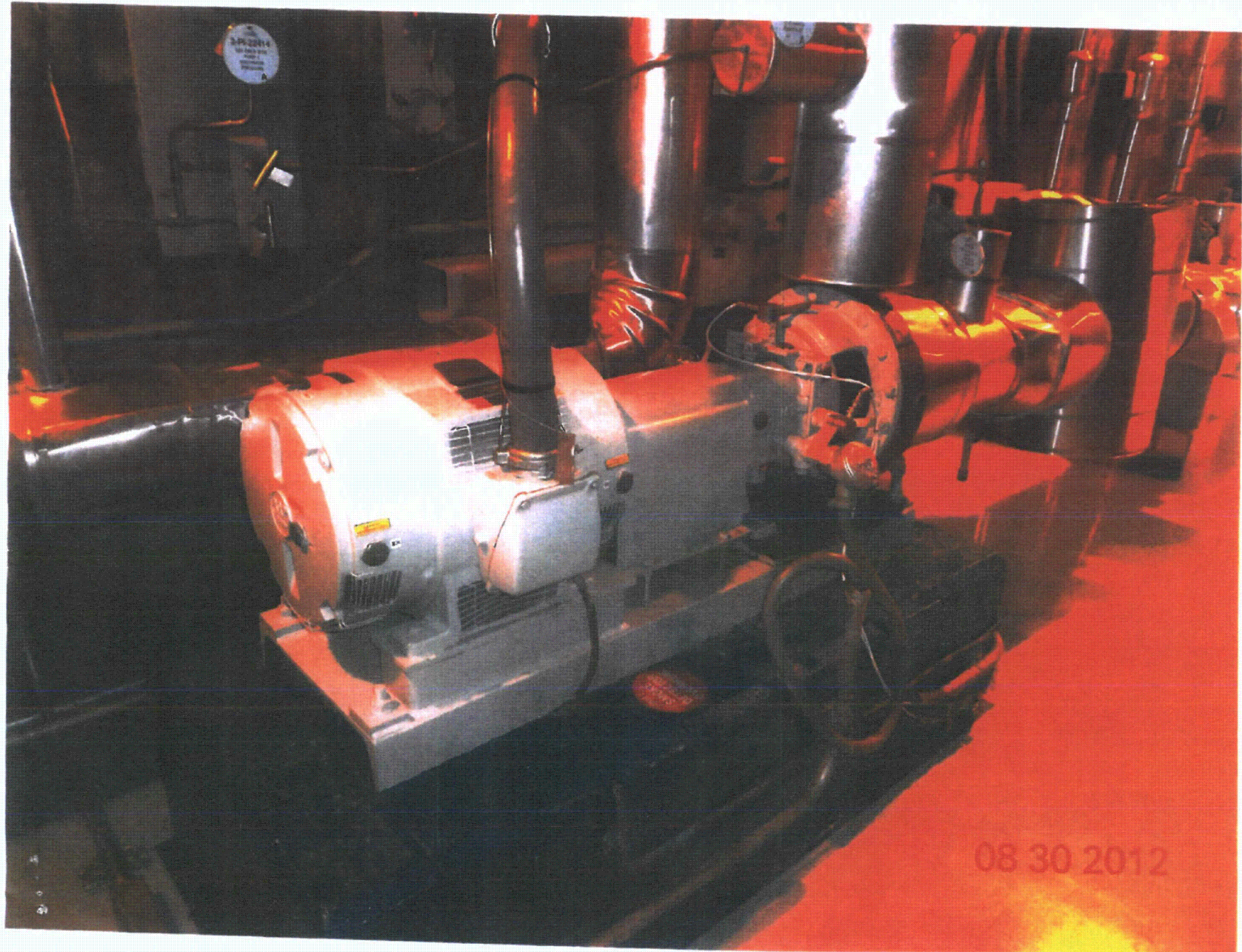
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y ☐ N ☒ U ☐

**Comments** (Additional pages may be added as necessary)SEE 2-1592-C7-001 FOR AWC

Evaluated by: Frank Yoo / J. S. > Date: 8/30/12  
Winston Stewart / W. S. > 08/30/2012

&lt; C.4 &gt;







Sheet 1 of 2

Status: ☒ N ☐ U~~Army Signature~~ ~~OGG~~  
W.S. 8/30/12**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1592-T7-001 Equip. Class<sup>12</sup> Tanks and Heat Exchangers - Class 21Equipment Description ESSENTIAL CHILLED WATER EXPANSION TANKLocation: Bldg. CONTROL Floor El. 260'-0" Room, Area R310Manufacturer, Model, Etc. (optional but recommended) Richmond Engineering**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 ☐ N/A - Fey 8/30/12
  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
- DRAWINGS: AX2011A033, Ver. 15.0, AX2094V009, Rev. 4; ZX4AH04-00062-7
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1592-T7-001 Equip. Class<sup>12</sup> Tanks and Heat Exchangers - Class 21Equipment Description ESSENTIAL CILLED WATER EXPANSION TANK**Interaction Effects**

7. Are soft targets free from impact by nearby equipment or structures? Y<sup>✓</sup> ☒ 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<sup>✓</sup> ☒ N ☐ U ☐ N/A ☐
9. Do attached lines have adequate flexibility to avoid damage? Y<sup>✓</sup> ☒ N ☐ U ☐ N/A ☐
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y<sup>✓</sup> ☒ N ☐ U ☐

**Other Adverse Conditions**

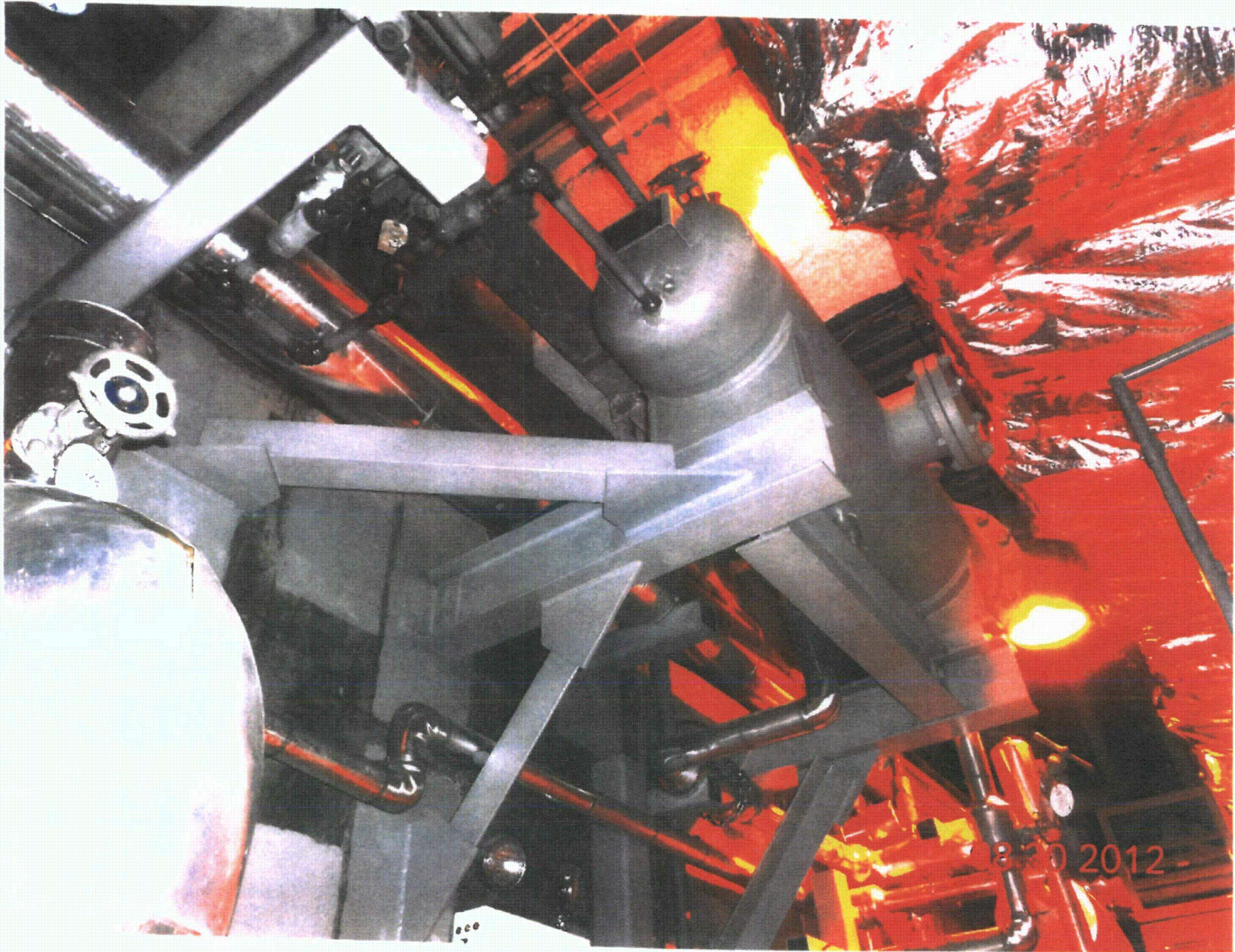
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y<sup>✓</sup> ☒ N ☐ U ☐

**Comments** (Additional pages may be added as necessary)SEE 2-1592-C7-001 FOR AWC

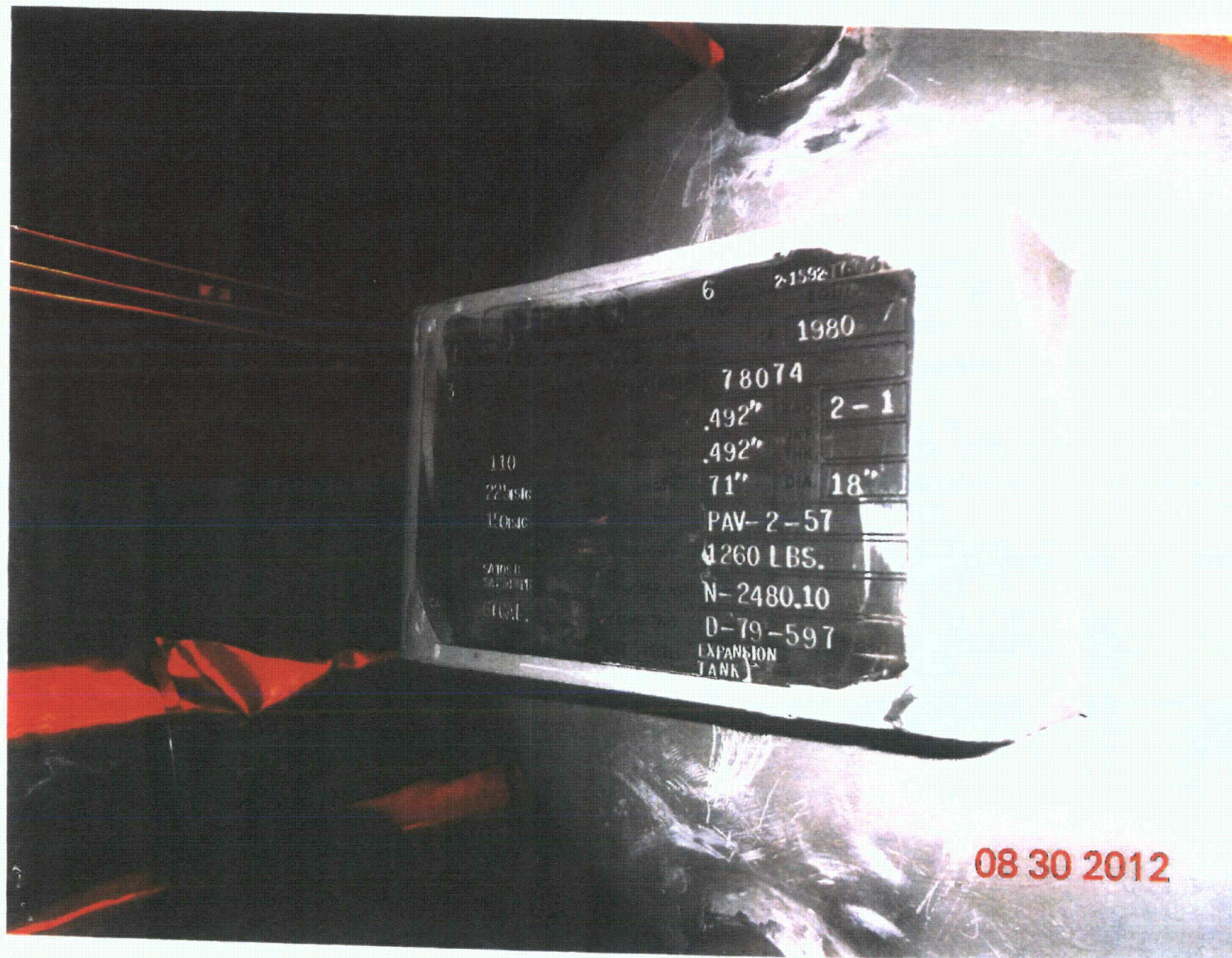
Evaluated by: Felix Yao / Greg Date: 8/30/12  
Winston Stewart / WJ 08/30/2012

&lt; C.4 &gt;











Sheet 1 of 2

Status: Y ☒ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1604-Q5-PC1 Equip. Class<sup>12</sup> 20 (INSTR. & CONTROL PANELS)Equipment Description PROCESS 1 & C PROTECT 1Location: Bldg. CONTROL Floor El. 220' Room, Area R164

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 ☐ N/A ☐  
 8/20/12

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 PER SKETCH IN CALC. X2CK02.07.03.01  
 WELDED CONNECTION INSTEAD OF BOLTED (SHOWN ON  
 REFER TO CR 505327 DRAWING)

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

Y ☐ N ☒ U ☐

<sup>12</sup> Enter the equipment

E-FCRB-15701

→ Control room cabinet change from bolt to weld (check CR resolution)



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 1-1604-Q5-PCI Equip. Class<sup>12</sup> 20Equipment Description PROCESS / & C PROTECT 1**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 DV 8/20/12
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

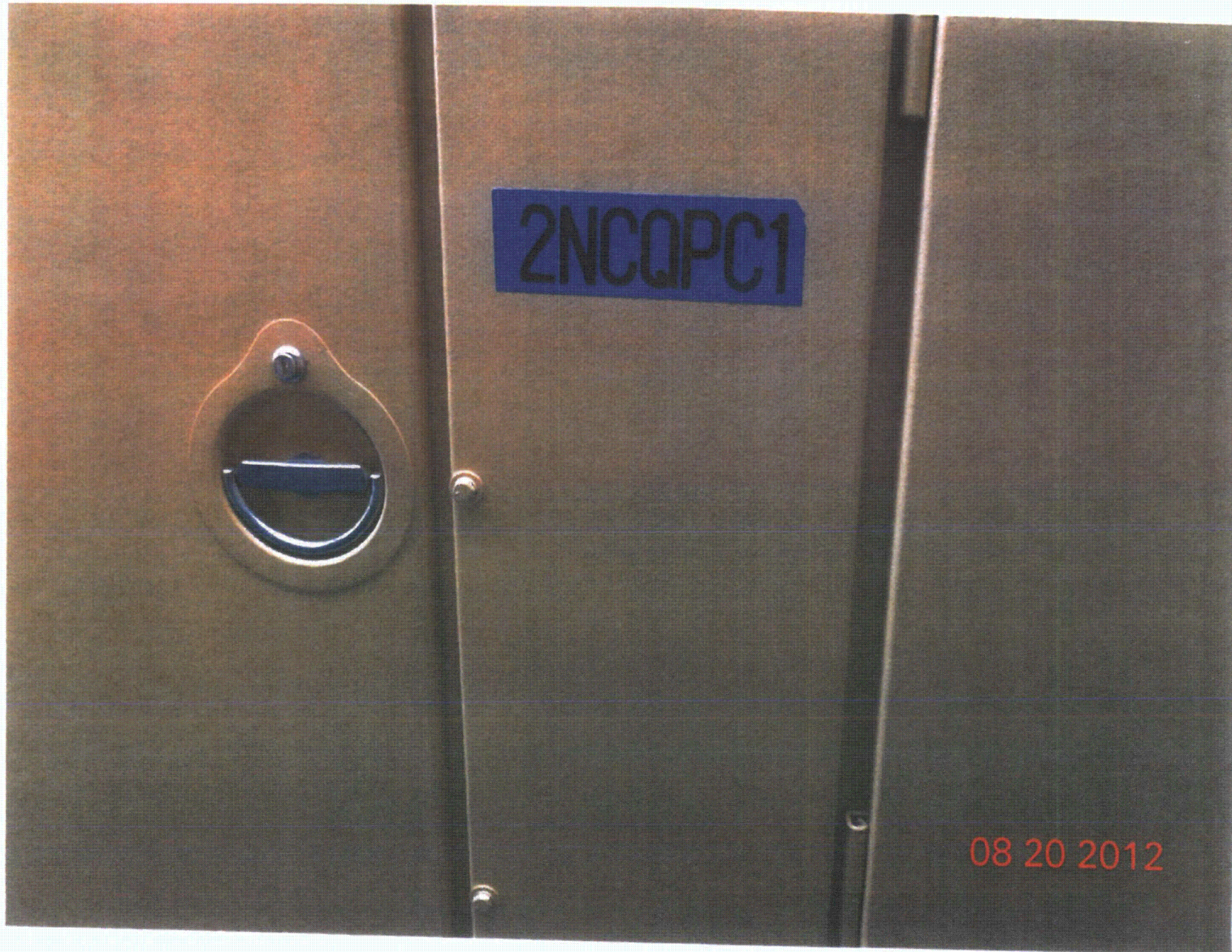
GAP BETWEEN THIS & ADJECENT CABINET ≈ 2",  
ACCEPTABLE

**Comments** (Additional pages may be added as necessary)

FOR AREA WALK-BY SEE 2-1500-Q5-HVC

Evaluated by: David Volodarsky DAVID VOLODARSKY Date: 8/20/2012  
Matthew Wilkinson Matthew Wilkinson 8/20/2012





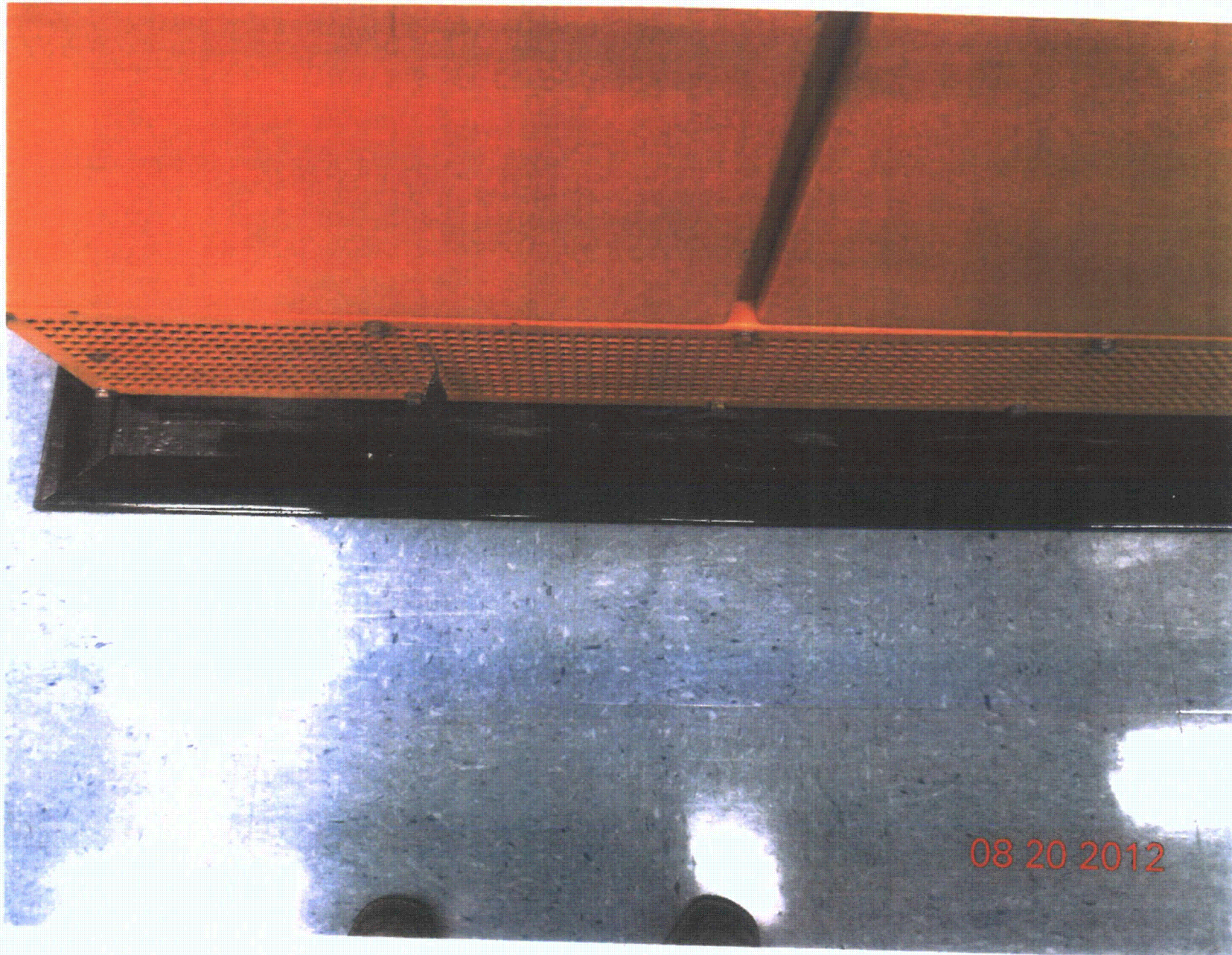




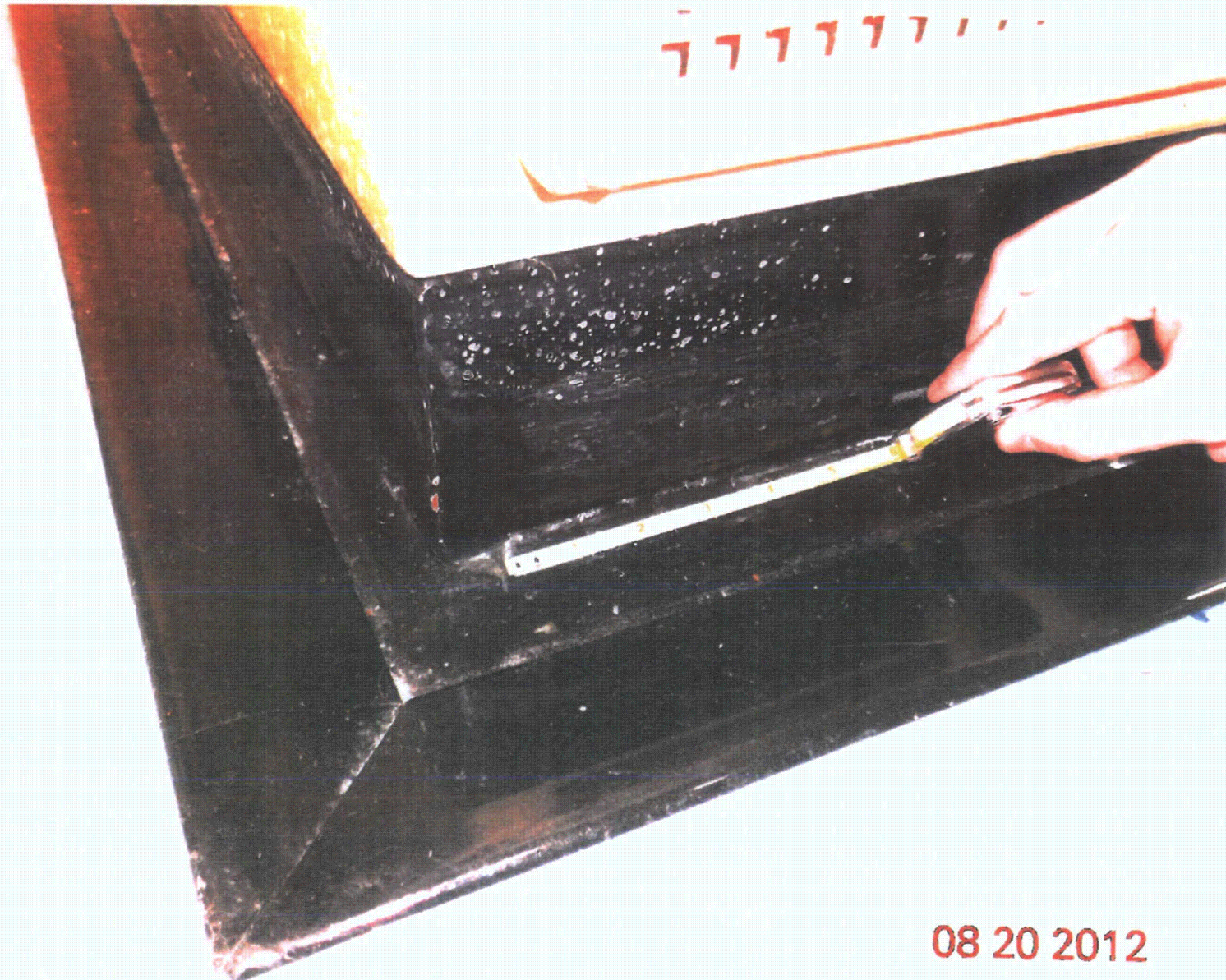














Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1604-05-PS1 Equip. Class<sup>12</sup> 20 (I/C Panel)Equipment Description Process I/C Protect 1Location: Bldg. Control Floor El. 220' Room, Area R164Manufacturer, Model, Etc. (optional but recommended) Westinghouse**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 ☐ N/A
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?  
welded connection to embedded plate. ☐ 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.)  
Not in 50% sample. ☐ Y ☐ N ☐ U ☒ N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1604-Q5-PS1 Equip. Class<sup>12</sup> 20-INSTRUMENTATION & CONTROL PANELEquipment Description PROCESS I & C PROTECT 1**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

2" GAP EXISTS ON BOTH SIDES OF PANEL,  
ACCEPTABLE

**Comments** (Additional pages may be added as necessary)

SEE 2-1500-Q5-HVC FOR AREA WALK-BY

Evaluated by: David V. L. G. DAVID VOLODARSKY Date: 8/31/2012  
Matthew Wilkinson Matthew Wilkinson 8/31/2012

&lt; C-4 &gt;



NSSS PROT GROUP I  
21604Q5PS1/CABINET 01

08 31 2012



Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1605-25-AS1 Equip. Class<sup>12</sup> 20 (INSTRUMENT & CONTROL PANEL)Equipment Description ALTERNATE SHUTDOWN IND. EAGLE 2/ CABLocation: Bldg. CONTROL Floor El. 240' Room, Area R230 2204  
11.19.12

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?  
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)  
NOT IN 50% SAMPLE ☐ Y ☐ N ☐ U ☒ N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1605-C5-AS1 Equip. Class<sup>12</sup> 20 (INSTRUMENT & CONTROL PANEL)Equipment Description ALTERNATE SHUTDOWN IN A EAGLE 21 CAB**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 ☐

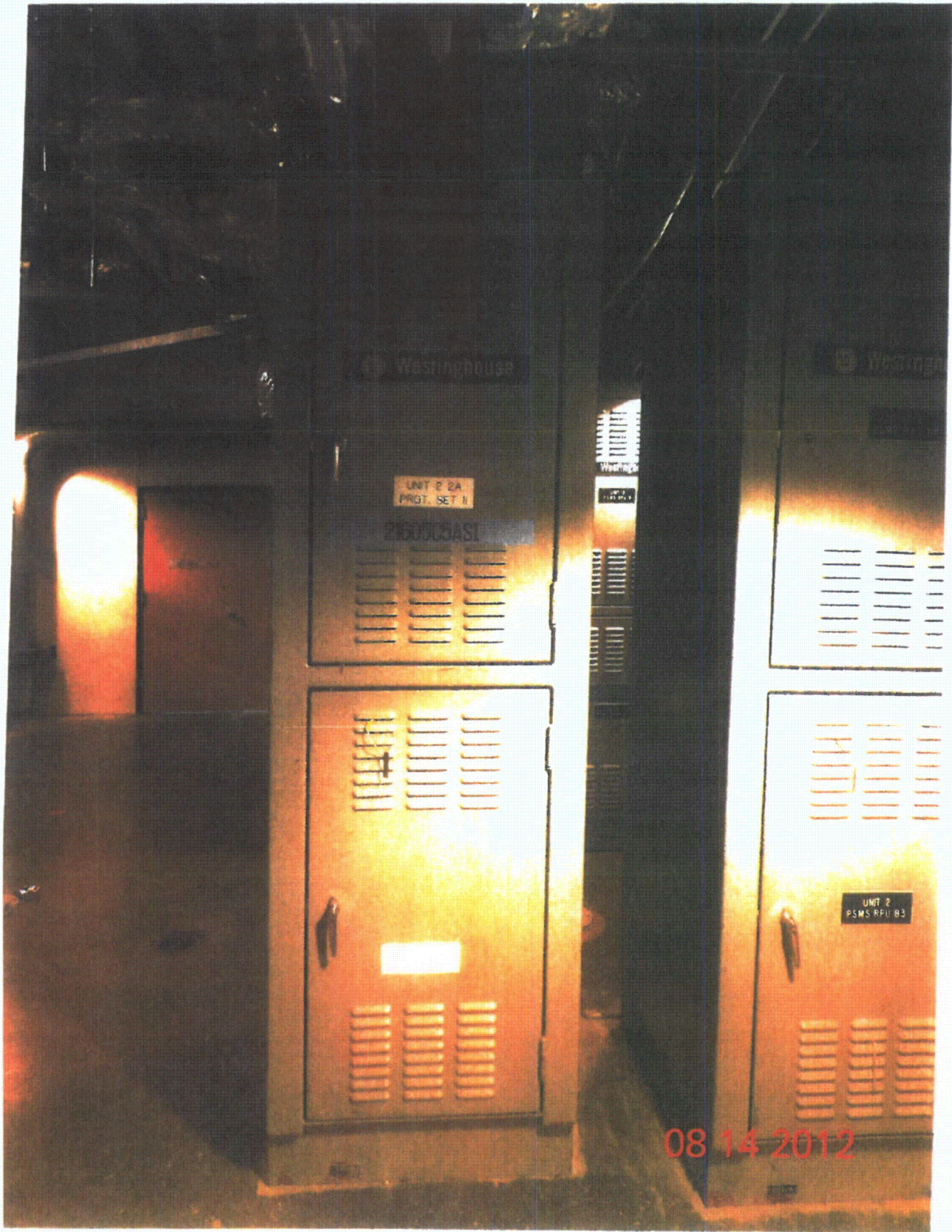
**Comments** (Additional pages may be added as necessary)NONEEvaluated by: David Vol. by DAVID VOLODARSKY Date: 9/12/2012Matthew Wilkinson

Matthew Wilkinson

9/12/2012

&lt; C-4 &gt;















Sheet 1 of 2

Status: ☒ Y ☐ N ☐ U**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1605-P5-SDA Equip. Class<sup>12</sup> 20 (INSTRUMENT & CONTROL PANELS)Equipment Description SHUTDOWN PANEL TRAIN ALocation: Bldg. CONTROL Floor El. 200' Room, Area RAT6

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  
MINOR SURFACE CORROSION, ACCEPTABLE DV 9-12-12  
ON THE BASE OF PANEL (BACK SIDE) AT  
TERMINAL STRIP TDB, 3-D BAY FROM RIGHT  
SIDE OF PANEL, ACCEPTABLE.
4. Is the anchorage free of visible cracks in the concrete near the anchors? ☐ Y ☐ N ☐ U ☒ N/A  
WELDED CONNECTION TO EMBEDDED STEEL
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.)  
2X5AB01-00614, VER. 7.0
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ☒ Y ☐ N ☐ U

<sup>12</sup> Enter the equipment class name from Appendix B: Classes of Equipment.



Sheet 2 of 2

**Seismic Walkdown Checklist (SWC)**Equipment ID No. 2-1605-P5-SDA Equip. Class<sup>12</sup> 20Equipment Description SHUTDOWN PANEL TRN 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:

David Volodarsky

DAVID VOLODARSKY

Date: 8/27/2012Matthew Wilkinson

Matthew Wilkinson

8/27/2012

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