

Seismic Walkdown Checklist (SWC)

Equipment ID No. 21302 P4001 Equip. Class¹² 5

Equipment Description AUXILIARY RESOURTEER PUMP - STEAM TURBINE DRIVEN

Location: Bldg. AFW POW WSE Floor El. 215'-0" Room, Area 106

Manufacturer, Model, Etc. (optional but recommended) INGERSOLL-RAND

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 FCY 8/14/12

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.)
Dwg 2X4AF A3 - 000 DS 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

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 21302PA001 Equip. Class¹² 5

Equipment Description AUXILIARY FEEDWATER PUMP - STEAM TURBINE DRIVEN

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

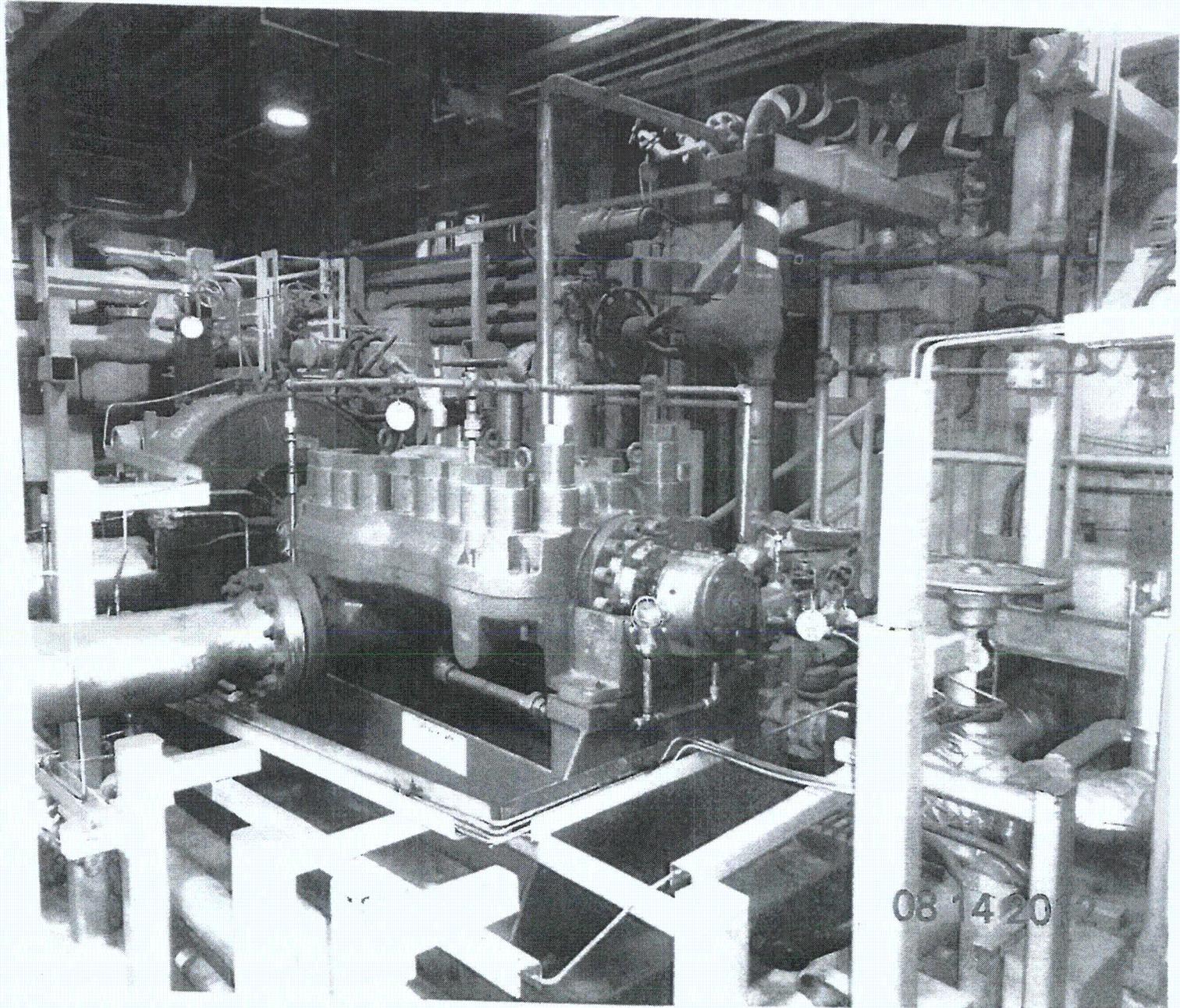
- 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

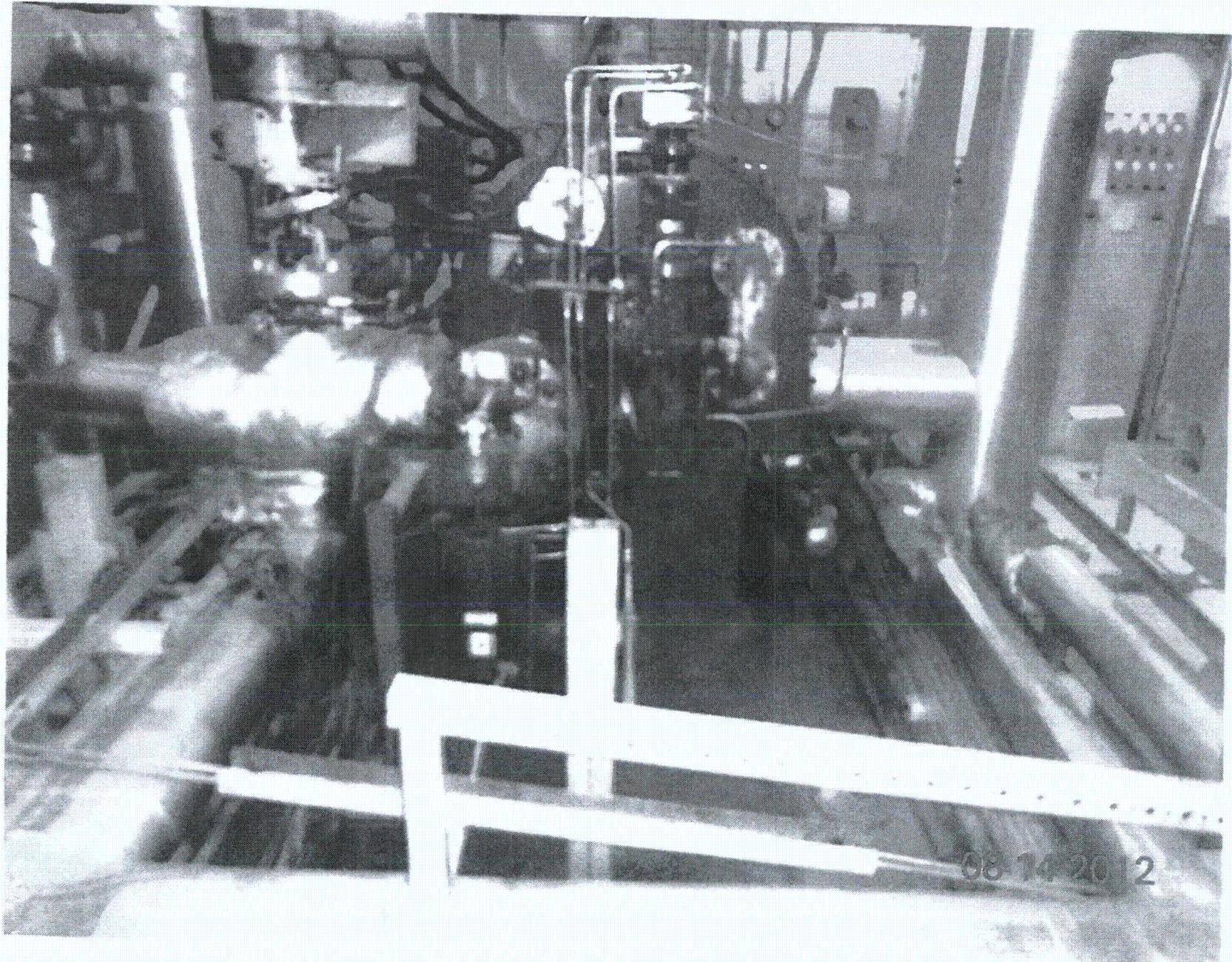
Comments (Additional pages may be added as necessary)

None

Evaluated by: Frank C. YAO / FRANK C. YAO Date: 8/14/12
JUSTO S. CHACON / JUSTO S. CHACON 8/14/12

< C4 >





Sheet 1 of 2
 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1531-87-005-000 Equip. Class¹² 9 (FANS)

Equipment Description CBCR RETURN AIR FAN

Location: Bldg. COWREL Floor El. 200' Room, Area R311

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
 MOUNTED TO STRUCTURAL STEEL FRAME

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

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1531-137-005-000 Equip. Class¹² 9 (FANS)

Equipment Description CBCR RETURN AIR 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

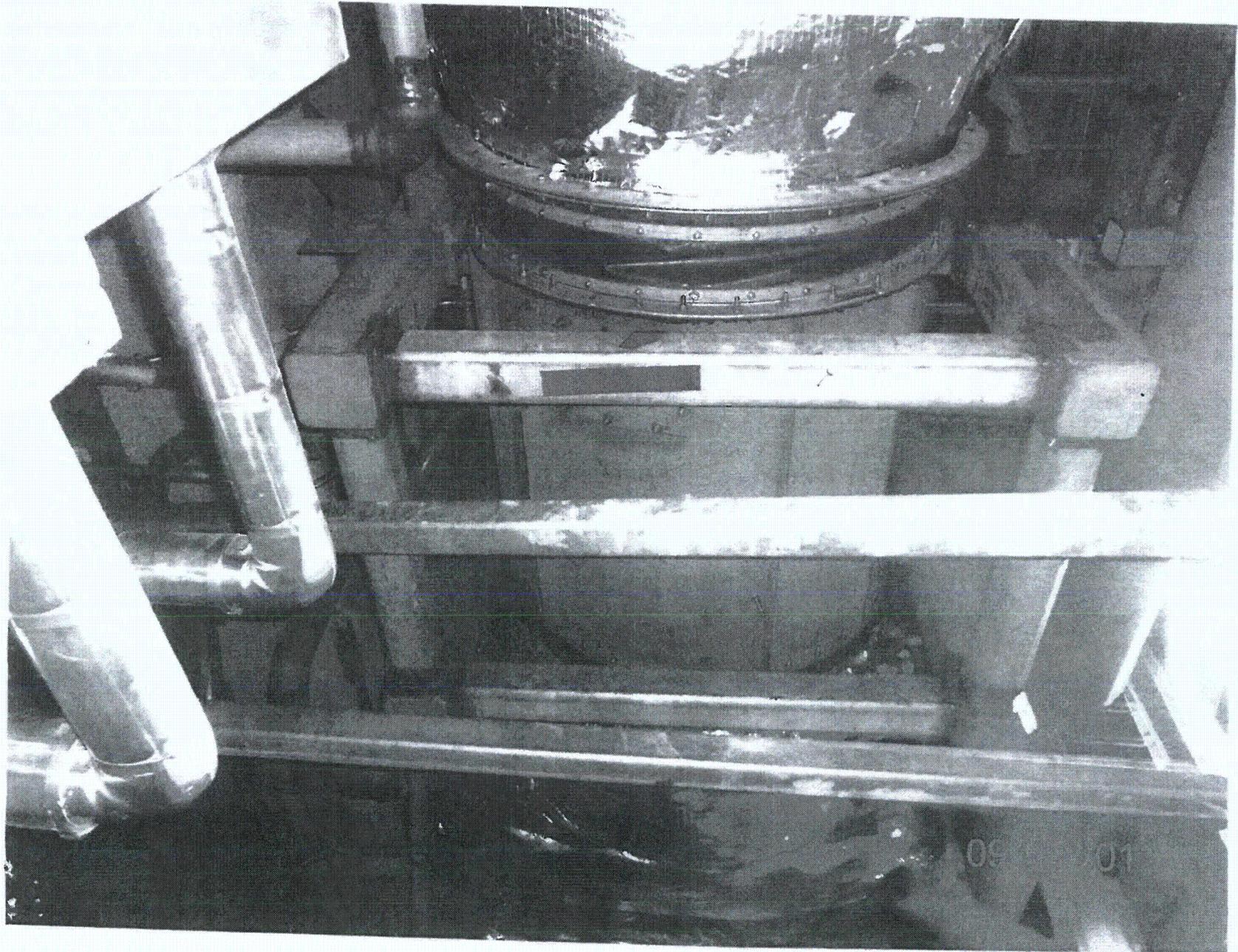
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

NOUE

Evaluated by: James Davel / JAMES DAVEL Date: 9-5-2012
WJAH / Winston Stewart 09/05/2012

< C4 >



Sheet 1 of 2
 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1555-A7-007 Equip. Class¹² 10 A4 Handlers
 Equipment Description RHR Pump Room Cooler A
 Location: Bldg. AUX Floor Bl. 128th-1st Room, Area D129
 Manufacturer, 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?
Mild corrosion one one out of four anchor bolts, acceptable. 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.)
2X4AJ06-22 Ver 9.10 Y N U N/A

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

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1553-A7-007 Equip. Class¹² _____

Equipment Description RHR Pump 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

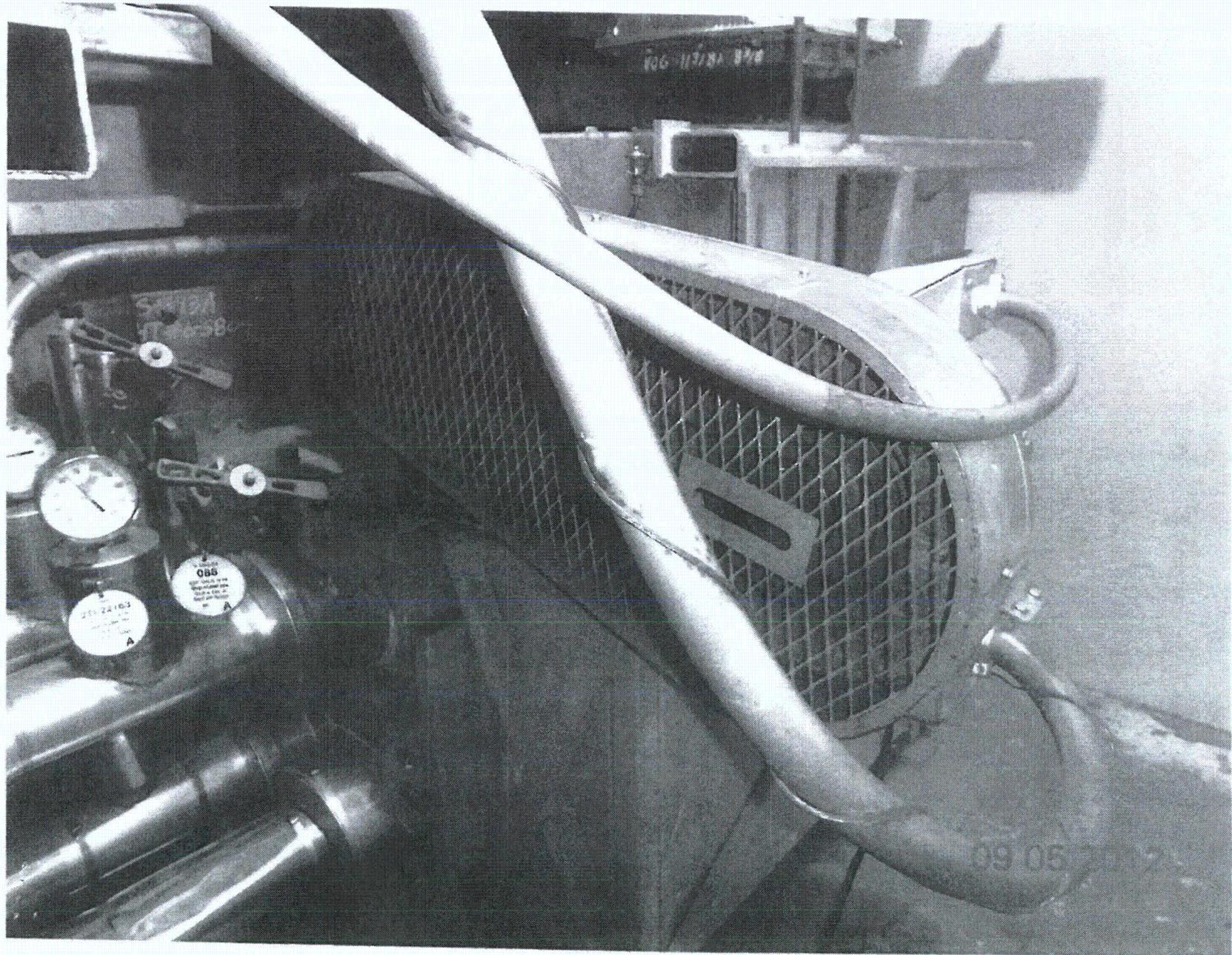
Evaluated by: Jack Sun / Frank Yao Date: 9/5/12

David Volodarsky DAVID VOLODARSKY 9/5/12









Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1531-87-002-000 Equip. Class¹² 9 - FANS

Equipment Description CBCR CHILLER ROOM VENT FAN

Location: Bldg. CONTROL Floor El. 260' Room, Area R311

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 X
MOUNTED TO STRUCTURAL STEEL FRAME

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A X
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
DRAWING: ZX4A502-226-5
IPEEE REPORT & EQDP NO. X4A502, Rev. 0

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

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1531-B7-002-000 Equip. Class¹² 9-FANS

Equipment Description CBCR CHLGR ROOM VENT 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)

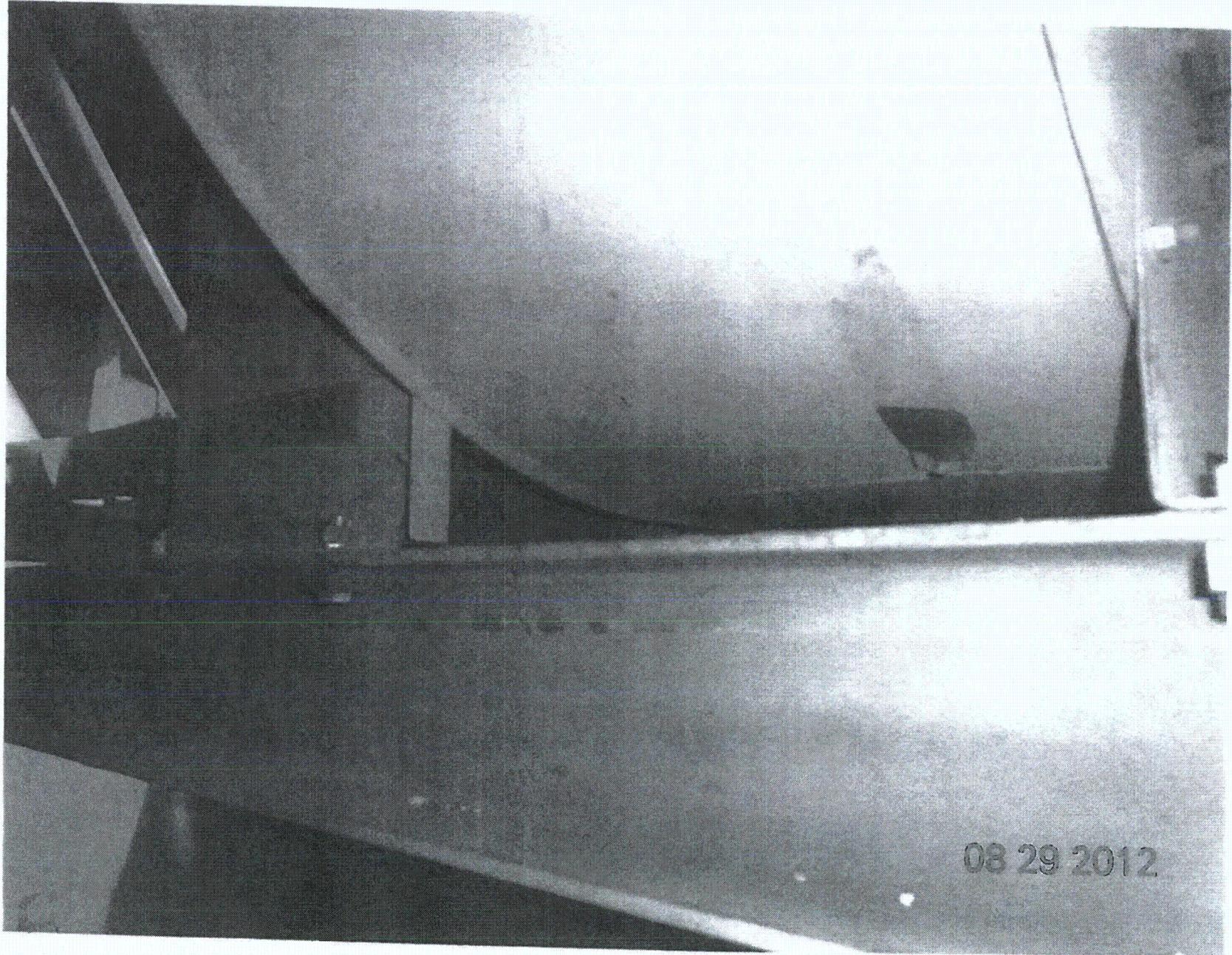
NONE

SEE 2-1531-B7-005-000 FOR AWC

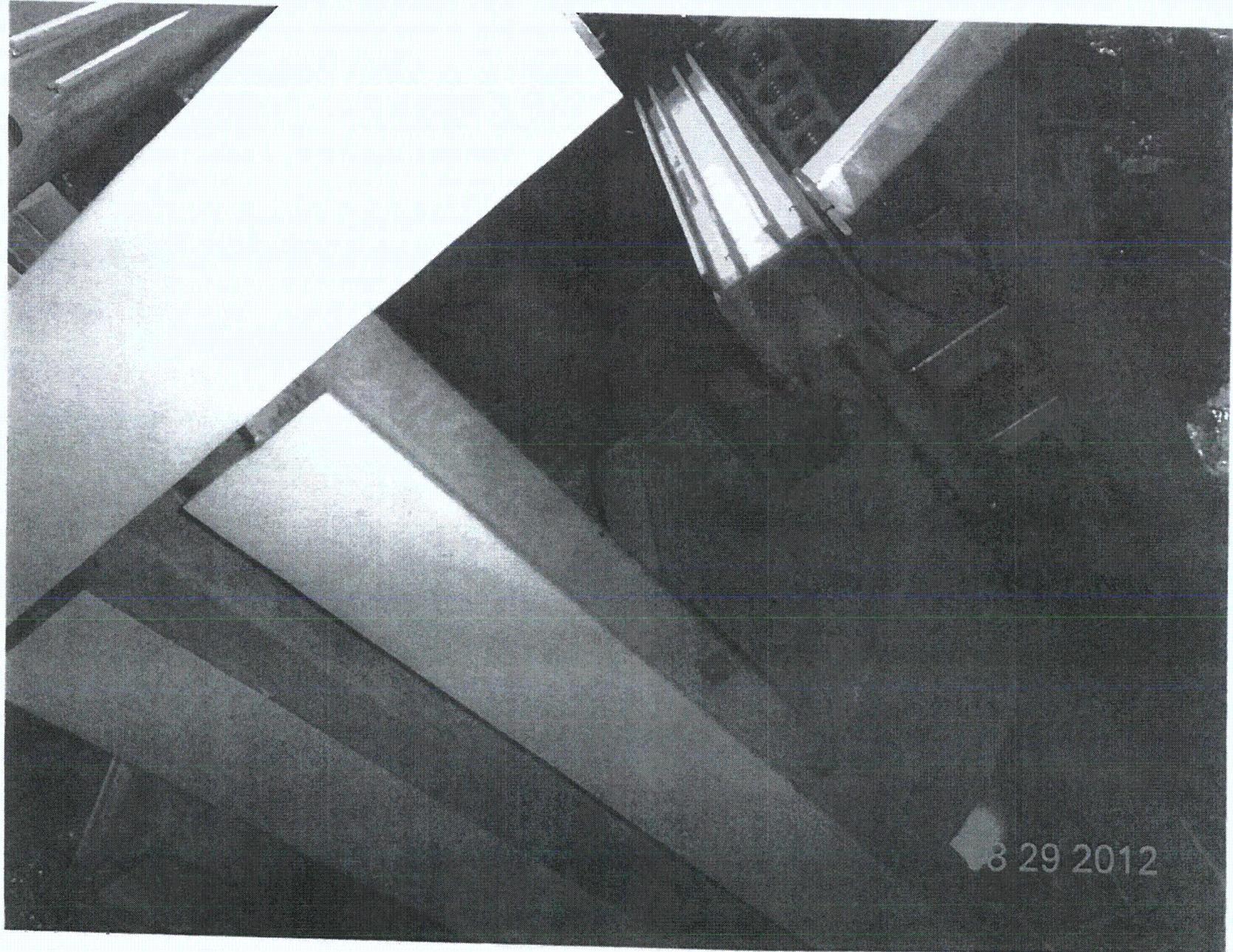
Evaluated by: W. Stewart / Winston Stewart Date: 09/04/2012
James Deal / JAMES DEAL 9-4-2012

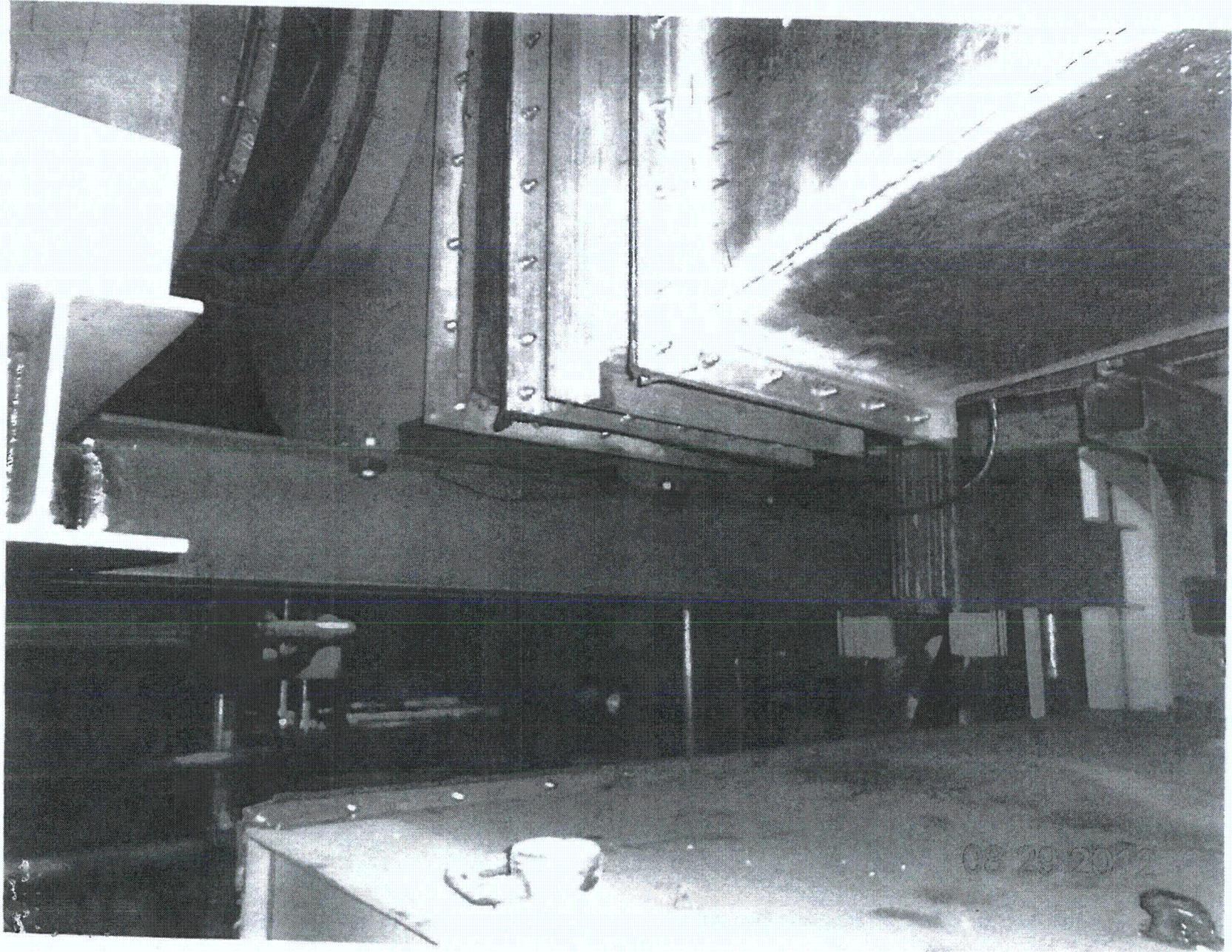
<C4>











Sheet 1 of 2
 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1805-53-BBF Equip. Class¹² 1 (MCCs)
 Equipment Description 480V MCC 2BBF
 Location: Bldg. DGB Floor El. 220' Room, Area R101
 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 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.)
AX3AC03-00940, VER. 12.0. MPW 9/13/12
2X3AC03-02343, 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. 2-1805-53-BBF Equip. Class¹² 1(MCCs)

Equipment Description 480V MCC 2BBF

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

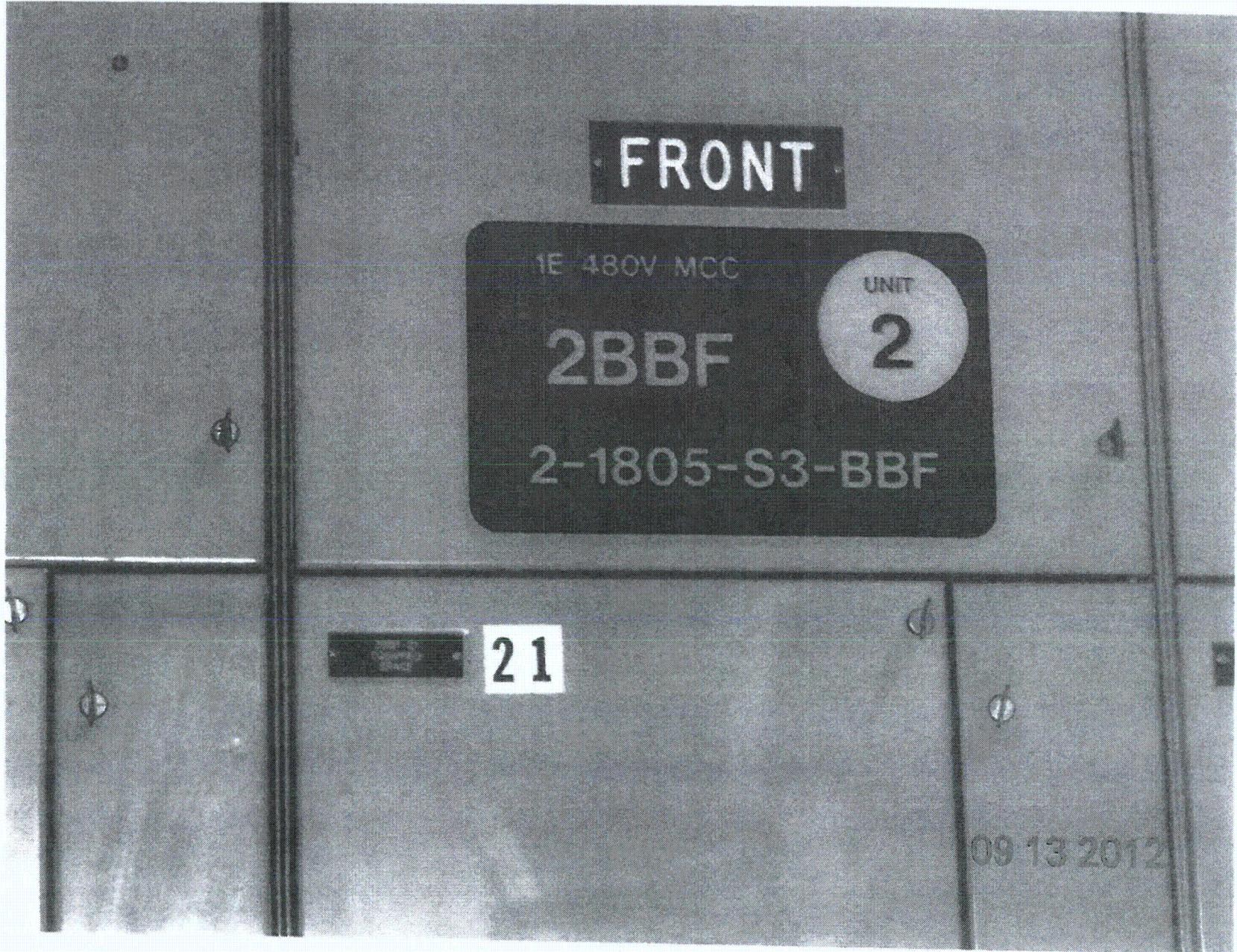
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

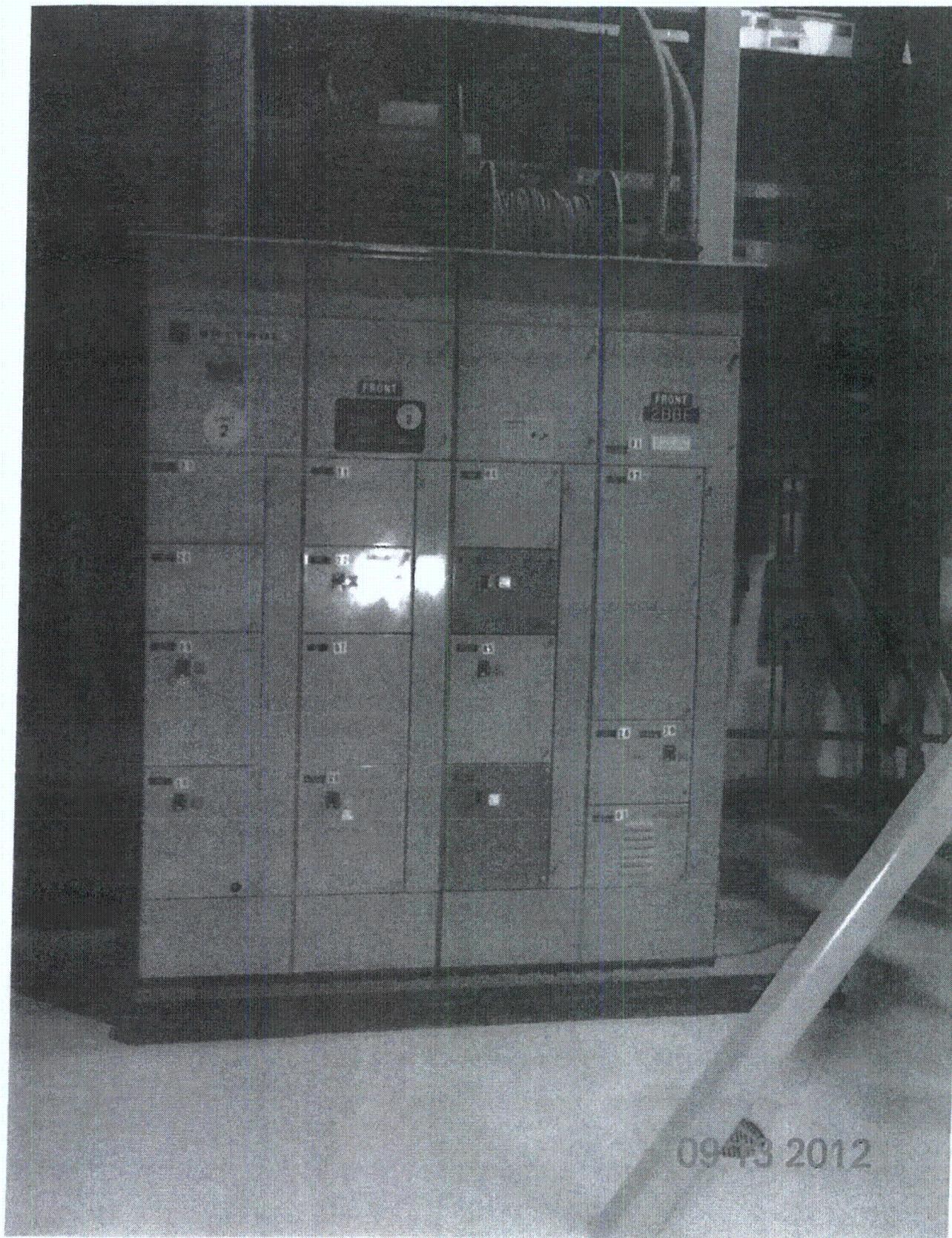
Comments (Additional pages may be added as necessary)

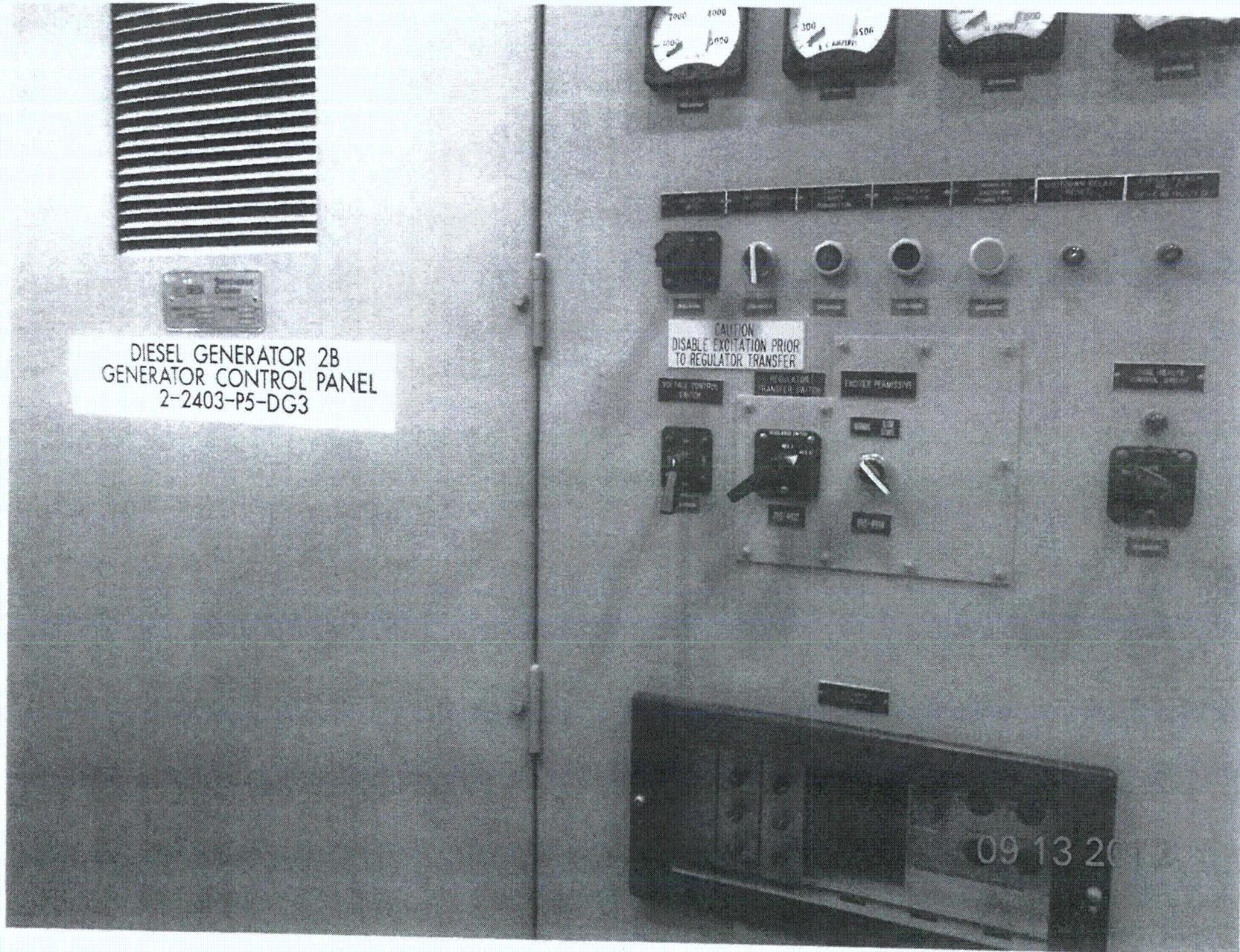
NONE.

Evaluated by: Matthew Wilkinson Date: 9/13/2012

David V. Lo DAVID VOLODARSKY 9/13/2012









Sheet 1 of 2

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1213-130-002 Equip. Class¹² 21 - Tanks and Heat Exchangers

Equipment Description SPENT FUEL PIT HEAT EXCHANGER B

Location: Bldg. F4B Floor El. 195'-0" Room, Area RA04

Manufacturer, Model, Etc. (optional but recommended) JOSEPH OAT CORPORATION

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.)

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

*Drawings: AX 2008A008, 2X4DE320
Manual: 2X6A00-00112*

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1213-E6-002 Equip. Class¹² 21 - TANKS AND HEAT EXCHANGER

Equipment Description SPLIT FUEL PIT HEAT EXCHANGER B

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

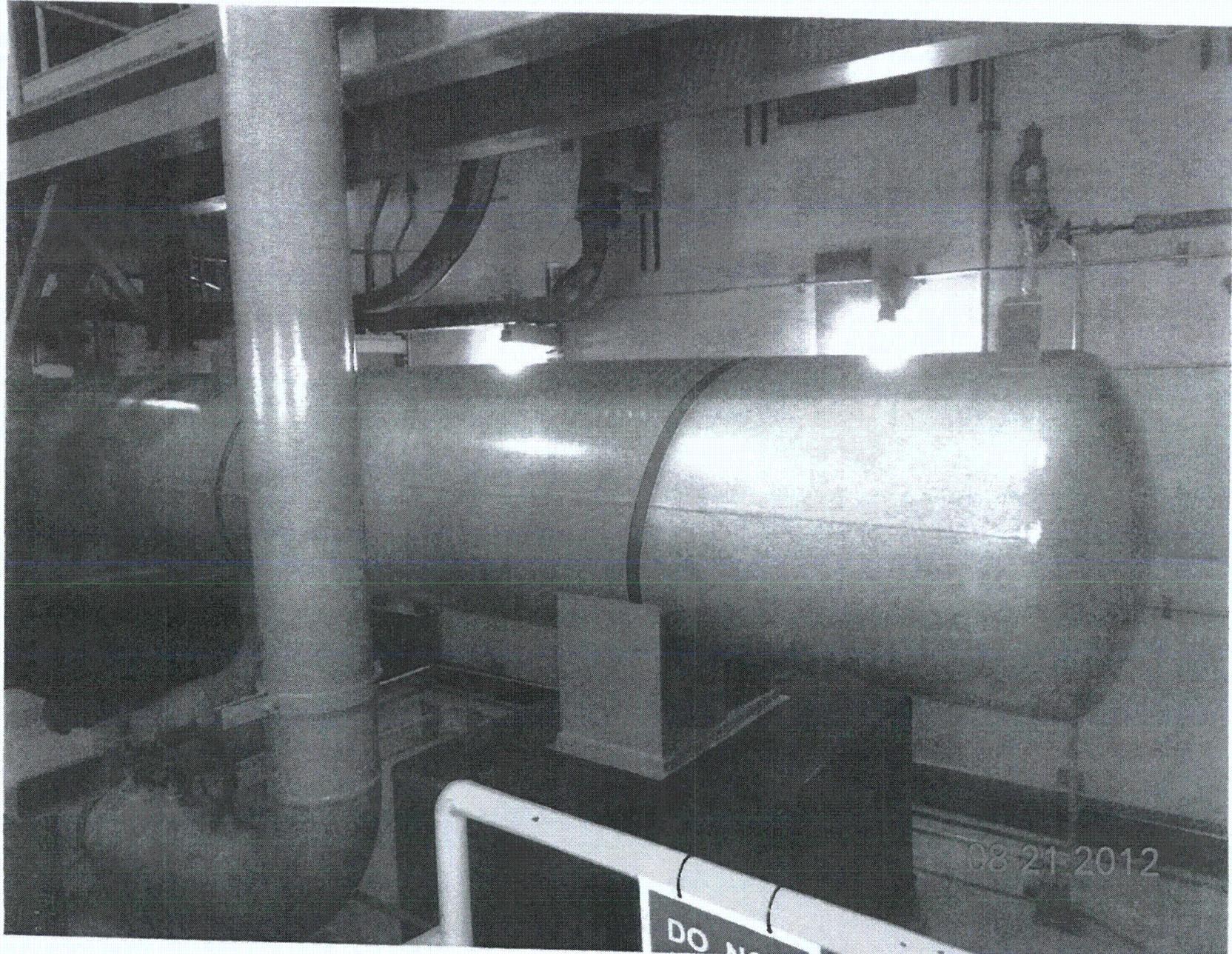
Comments (Additional pages may be added as necessary)

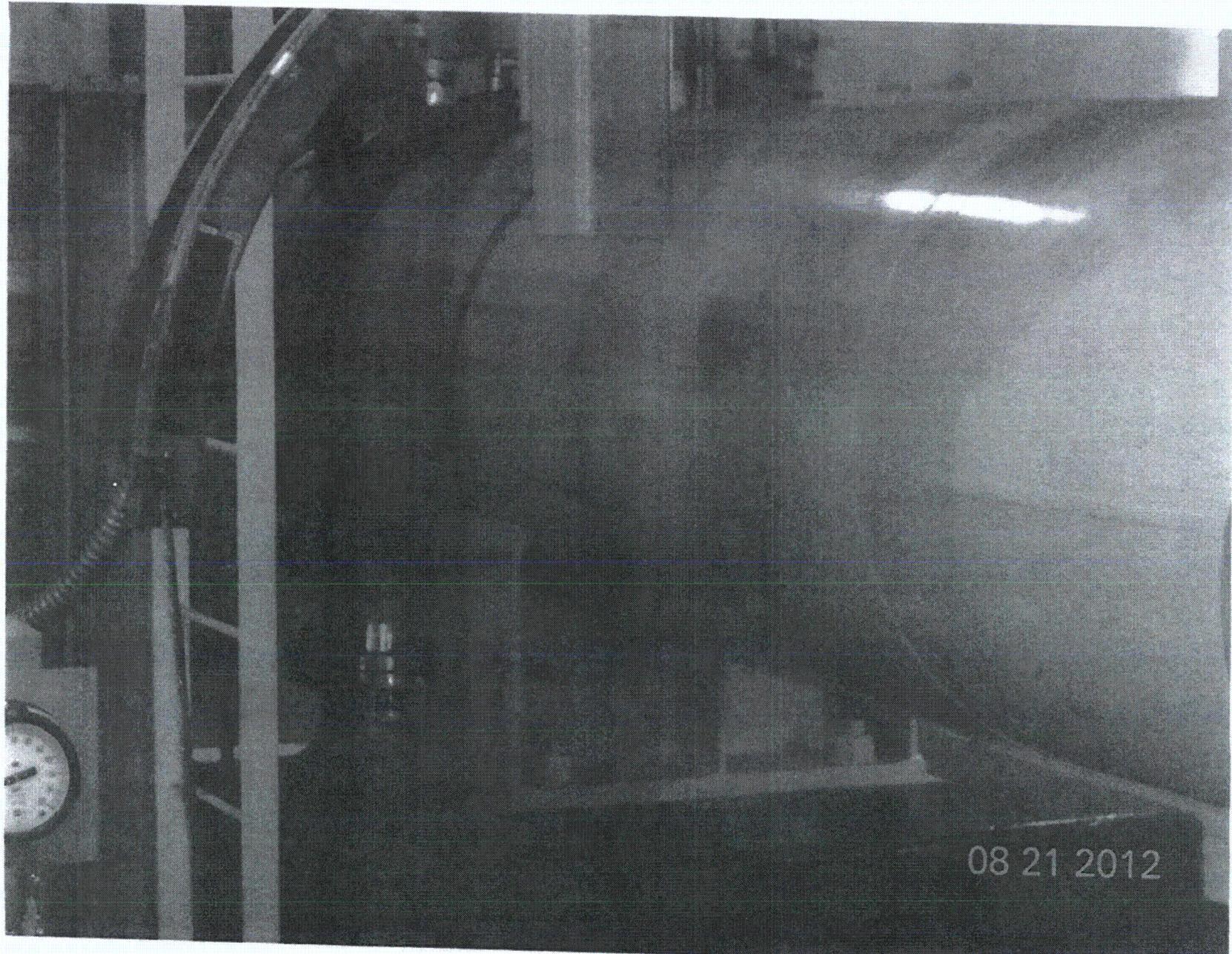
NONE

Evaluated by: James Davel / JAMES DOVSL Date: 8-21-2012

W. Stewart / Winston Stewart 08/21/2012







Sheet 1 of 2

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1213-P6-002 Equip. Class¹² HORIZONTAL PUMP - CLASS 5

Equipment Description SFP PUMP A

Location: Bldg. AUX Floor El. 195' Room, Area A91

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.)
DNF AX2D08070 VER. 16.0

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. 2-1213-P6-002 Equip. Class¹² HORIZONTAL PUMP - CLASS 5

Equipment Description SFP PUMP 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

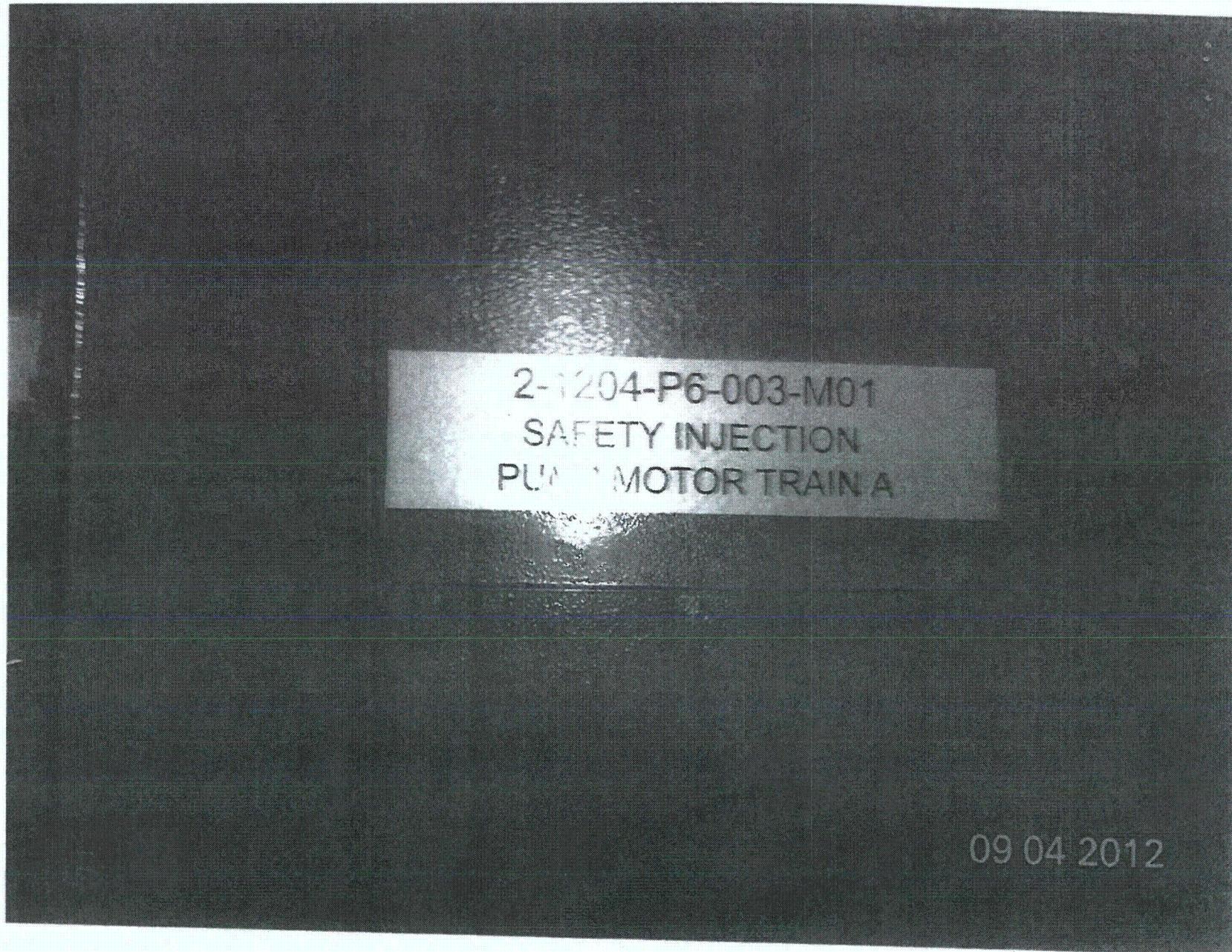
- 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

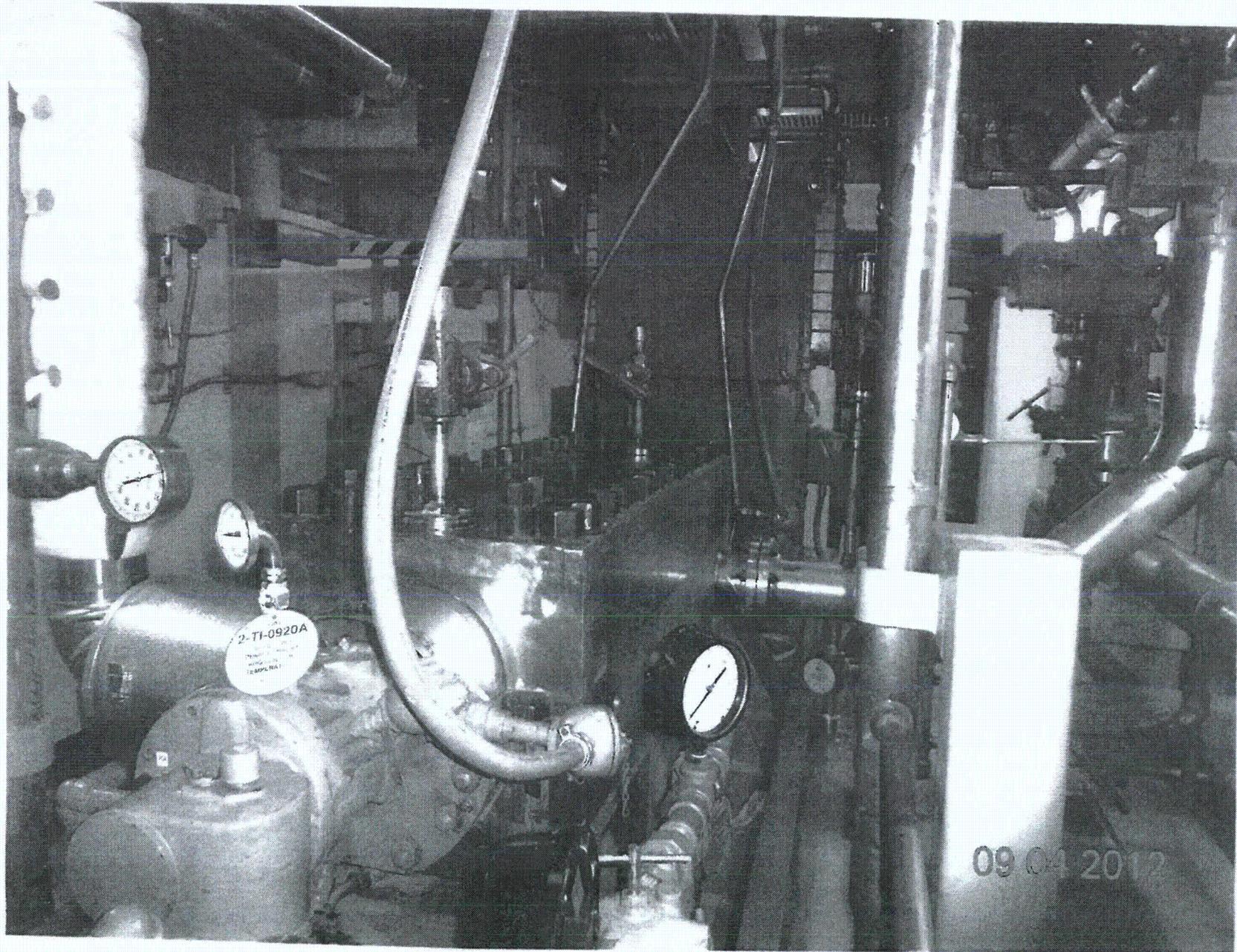
Comments (Additional pages may be added as necessary)

NONE

Evaluated by: Frank Yao / Zuley Date: 9/4/12
DAVID VOLODARSKY / David Vol 9/9/12

< C.4 >





Sheet 1 of 2

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2-1213-UG-006 Equip. Class¹² Ø - OTHER

Equipment Description SPENT FUEL PIT PUMP A SUCTION ISOLATION VALVE

Location: Bldg. F4 Floor El. 200'-0" Room, Area RA05

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.)
IN-LINE COMPONENT

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. Z-1213-46-001 Equip. Class¹² Ø-OTHER

Equipment Description SPENT FUEL PIT PUMP A Suction Isolation Valve

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

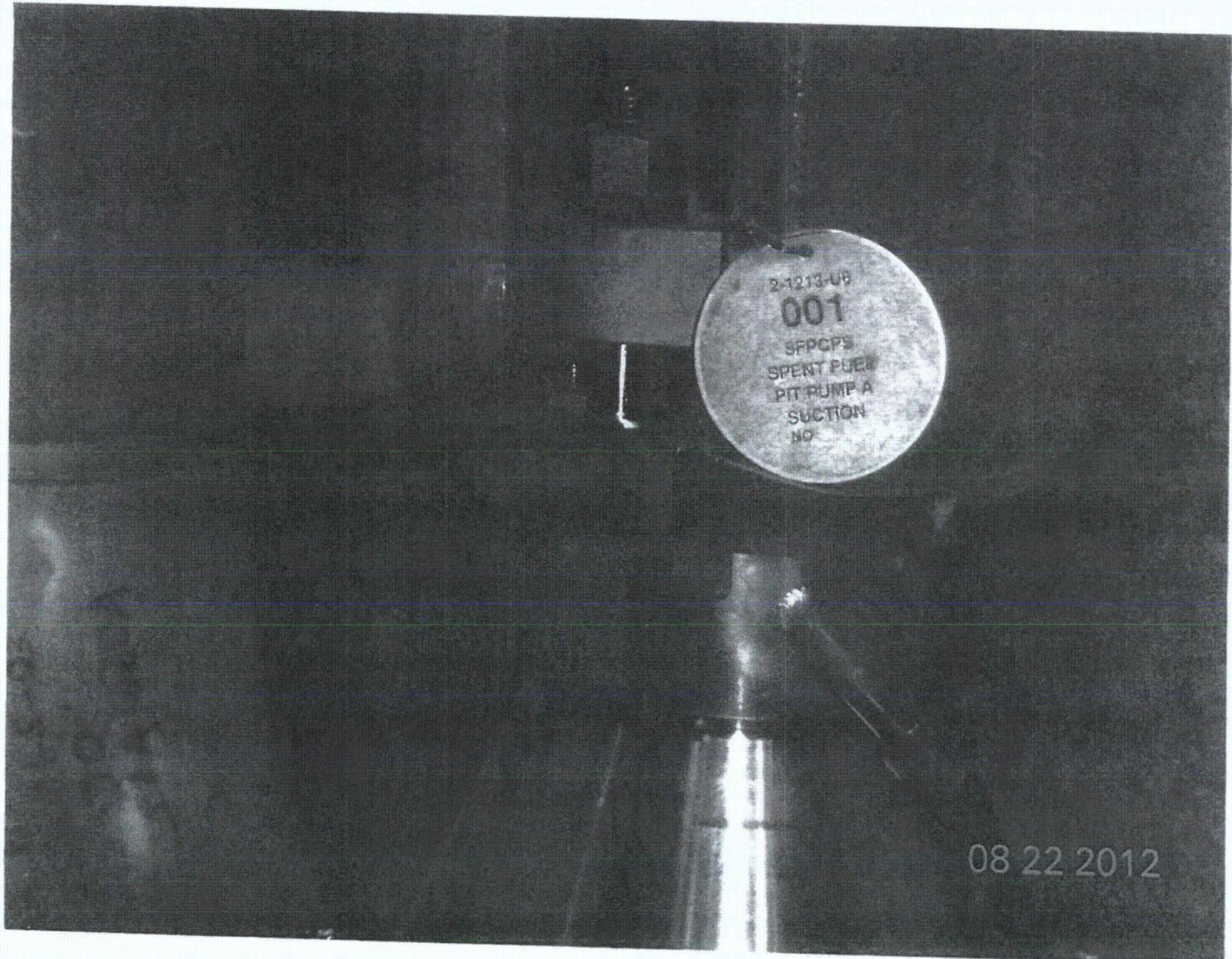
Comments (Additional pages may be added as necessary)

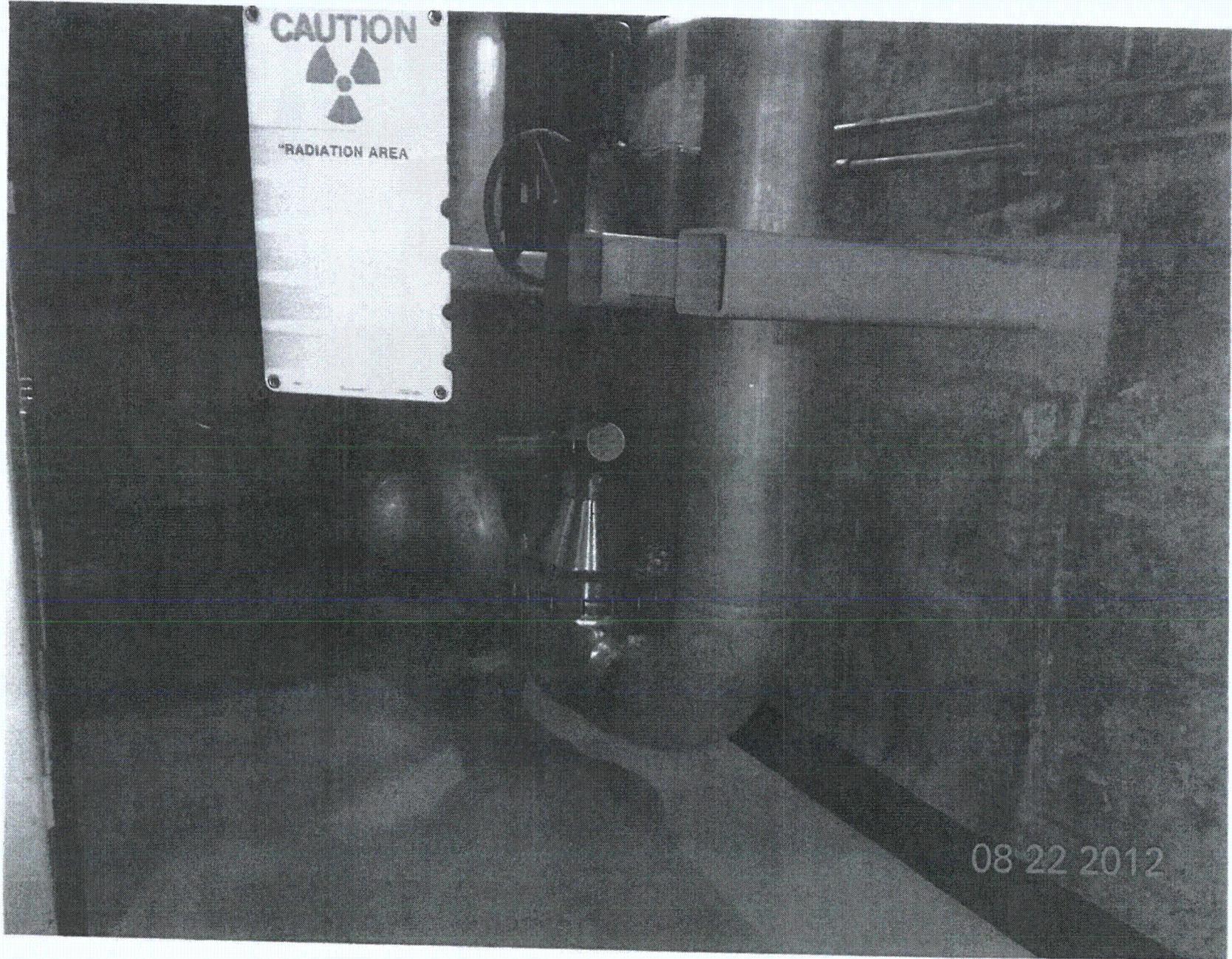
None

Evaluated by: James D. Dovel / JAMES DOVER Date: 8-22-2012

W. Stewart / Winston Stewart 08/22/2012

<CA>





Sheet 1 of 2
 Status Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2 HV-8754A Equip. Class¹² 0
 Equipment Description SFP A HX outlet Isolation Valve
 Location: Bldg. AUX Floor El. 195'-0" Room, Area A91
 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
In-line Component.

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.)
NOT IN 50% SAMPLE

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

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

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2 HV-8754A Equip. Class¹² 0

Equipment Description SFP A 1 1/2" Outlet Isolation Valve

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 2-1213-P6-002 for Area Walkby.

Evaluated by: Frank Yao / Lacey Date: 9/4/12
DAVID VOLODARSKY / David Volodarsky 9/4/12

<C4>

