

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC01PA

Equipment Class: (5) Horizontal Pumps

Equipment Description: 2A COMPONENT COOLING WTR PUMP ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing M-1220 Sheet 4 Revision V

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC01PA

Equipment Class: (5) Horizontal Pumps

Equipment Description: 2A COMPONENT COOLING WTR PUMP ASMBLY

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
Level glass is well-secured so there are no seismic/structural issues

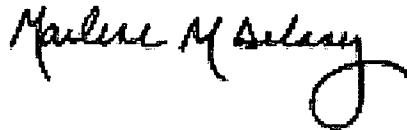
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/20/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC01PA

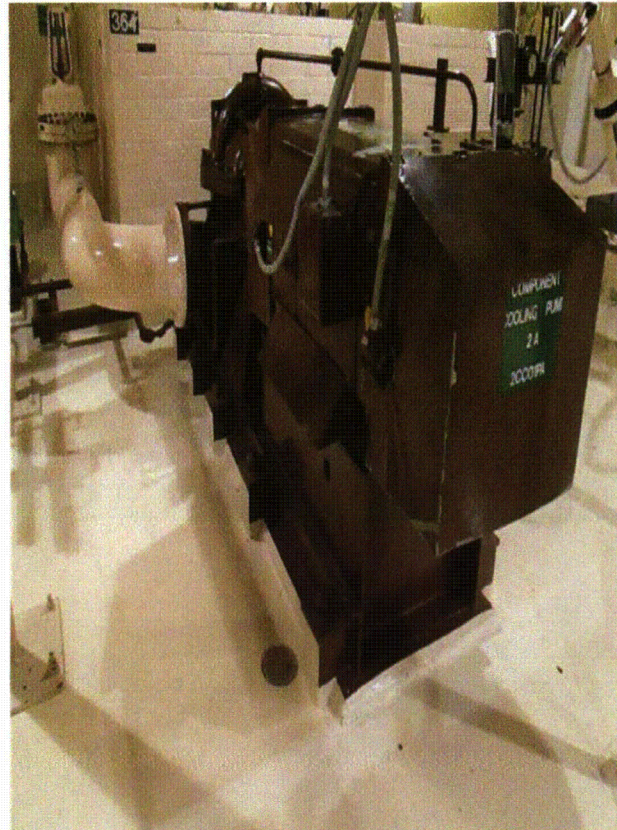
Equipment Class: (5) Horizontal Pumps

Equipment Description: 2A COMPONENT COOLING WTR PUMP ASMBLY

Photos



2CC01PA Byron 1 & 2 8-20-12 055



2CC01PA Byron 1 & 2 8-20-12 056

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC9412A

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CC FROM RH HX 2A OUTLET ISOL ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC9412A

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CC FROM RH HX 2A OUTLET ISOL ASMBLY

Interaction Effects

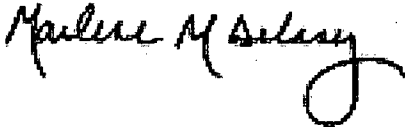
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

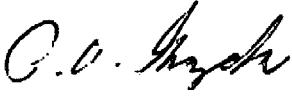
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team M. Delaney & P. Gazda 8/20/12 pm

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CC9412A

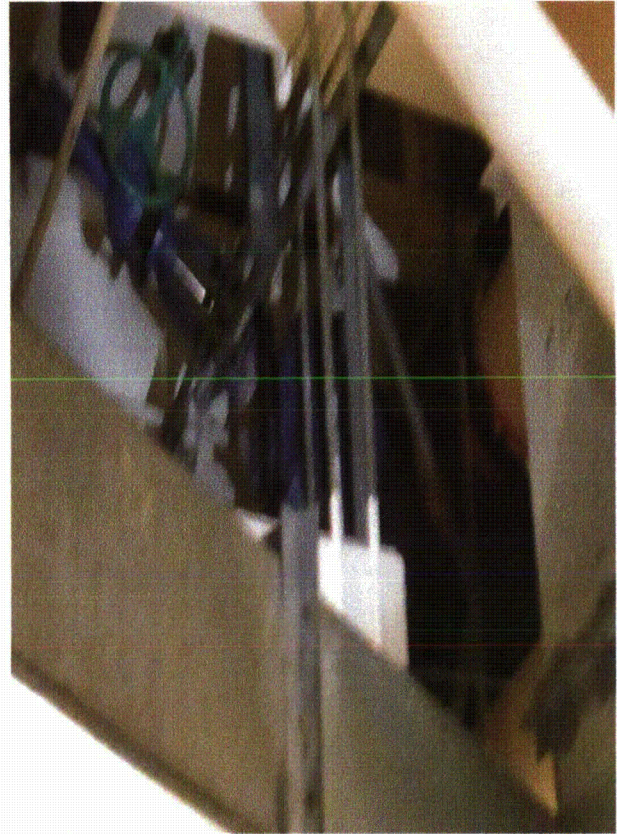
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CC FROM RH HX 2A OUTLET ISOL ASMBLY

Photos



2CC9412A Byron 1 & 2 8-20-12 066



2CC9412A Byron 1 & 2 8-20-12 067

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV01PA

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP,2A CENTRIFUGAL CHARGING ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing M-1220 Sheet 2 Revision AB

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV01PA

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP,2A CENTRIFUGAL CHARGING ASMBLY

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on equipment.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

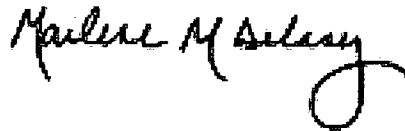
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/20/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV01PA

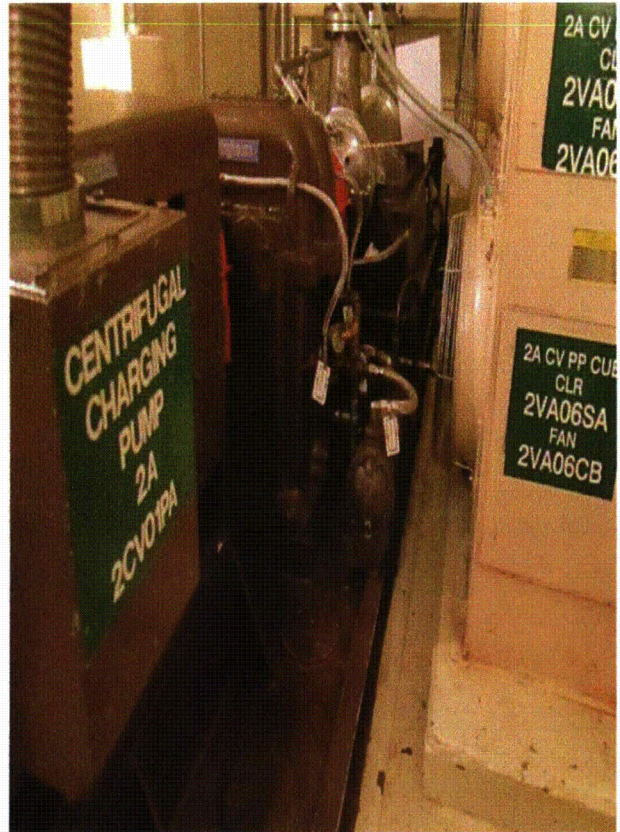
Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP,2A CENTRIFUGAL CHARGING ASMBLY

Photos



2CV01PA Byron 1 & 2 8-20-12 076



2CV01PA Byron 1 & 2 8-20-12 077

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV112E

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RWST TO CHG PMPS SUCT VLV C/S AT 2PM05J ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV112E

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RWST TO CHG PMPS SUCT VLV C/S AT 2PM05J ASMBLY

Interaction Effects

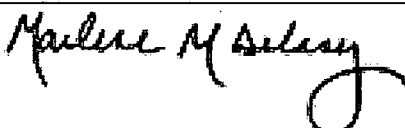
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

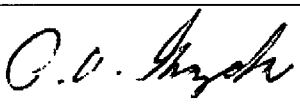
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic Walkdown Team M. Delaney & P. Gazda 8/21/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV112E

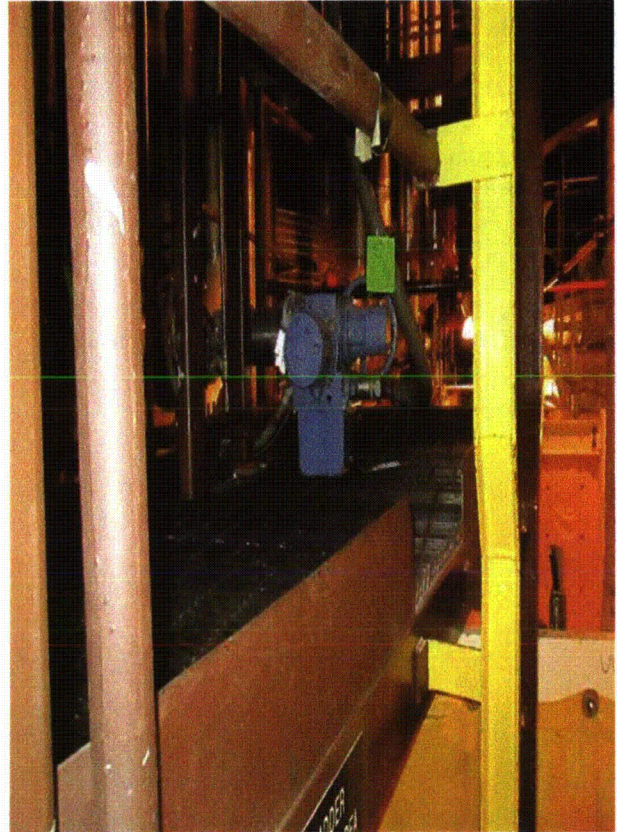
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RWST TO CHG PMPs SUCT VLV C/S AT 2PM05J ASMBLY

Photos



LADDER
2CV112E Byron 1 & 2 8-21-12 018



2CV112E Byron 1 & 2 8-21-12 019

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8105

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CHG LINE CNMT ISOL VLV C/S AT 2PM05J ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 375.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8105

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CHG LINE CNMT ISOL VLV C/S AT 2PM05J ASMBLY

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

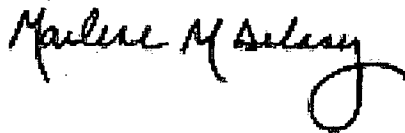
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

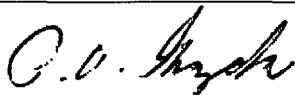
Seismic Walkdown Team M. Delaney & P. Gazda 8/21/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8105

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CHG LINE CNMT ISOL VLV C/S AT 2PM05J ASMBLY

Photos



2CV8105 Byron 1 & 2 8-21-12 021

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8804A

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RH HX 2A TO CV PMP SUCT ISOL VLV; C/S AT 2PM06J ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8804A

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RH HX 2A TO CV PMP SUCT ISOL VLV; C/S AT 2PM06J ASMBLY

Interaction Effects

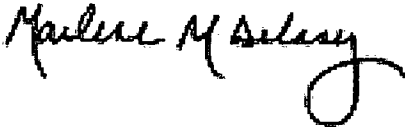
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes


Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic Walkdown Team M. Delaney & P. Gazda 8/21/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

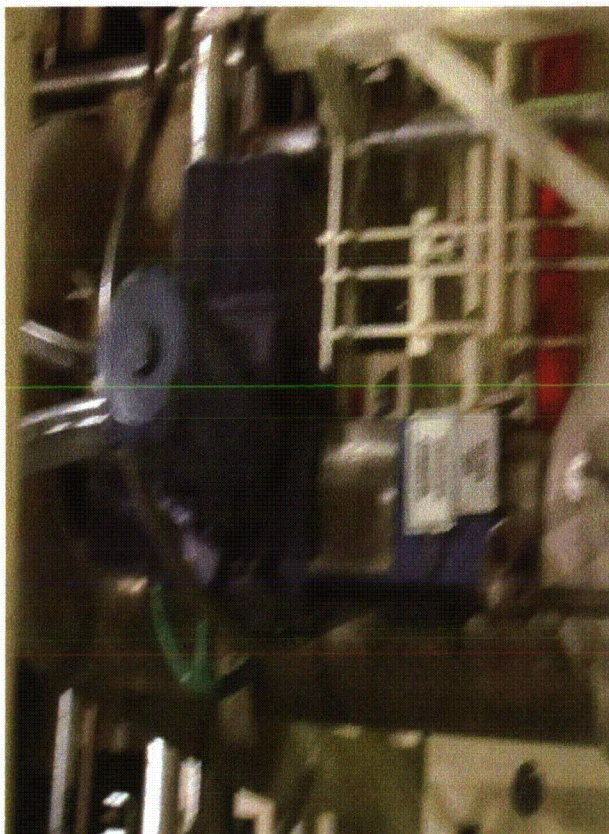
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CV8804A

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: RH HX 2A TO CV PMP SUCT ISOL VLV; C/S AT 2PM06J ASMBLY

Photos



2CV8804A Byron 1 & 2 8-21-12 012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC02E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 212

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391AY Revision B

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC02E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 212

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Chain hung lights appear to have closed S-hooks. IR 1399385 written since all S-hooks cannot be seen from the floor and may be open. Lights would not impact equipment based on that they are double chained.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

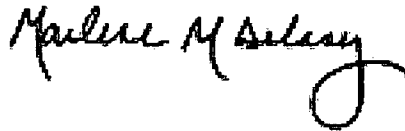
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

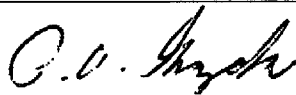
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

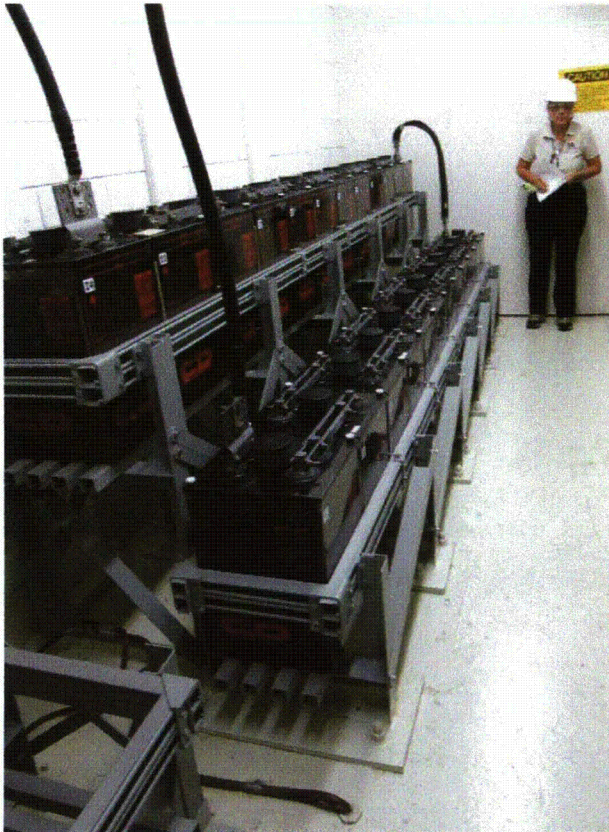
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC02E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 212

Photos



2DC02E Byron 1 & 2 036



2DC02E Byron 1 & 2 037

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC02E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 212



2DC02E Byron 1 & 2 038

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC03E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 211 DIV. 21

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
Adjacent small crack (northwest corner) - not a structural/seismic issue

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.) Yes
Drawing 6E-0-3391C Revision BE

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC03E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 211 DIV. 21

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Nearby masonry wall is seismic and would not collapse on equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
2DC03E is not bolted to adjacent panel 2DC05E. Per Operations, no relays or other electrical components whose position could change during a seismic event are contained in either cabinet.

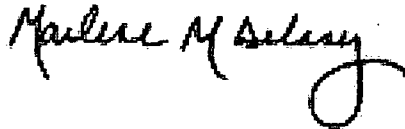
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

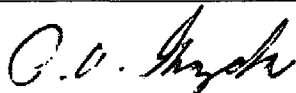
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am, 8/8/12am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC03E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 211 DIV. 21

Photos



2DC03E Byron 1 & 2 014

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 212 DIV. 22

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 212 DIV. 22

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
Adjacent cabinet 2DC06E is not bolted to 2DC04E however per Operations, no relays or other electrical components whose position could change during a seismic event are contained in either cabinet.

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am, 8/8/12 am

Evaluated by: Marlene M. Delaney Marlene Delaney Date: 10/5/2012
P. P. Gazda Philip Gazda 10/5/2012

Status: Y N U

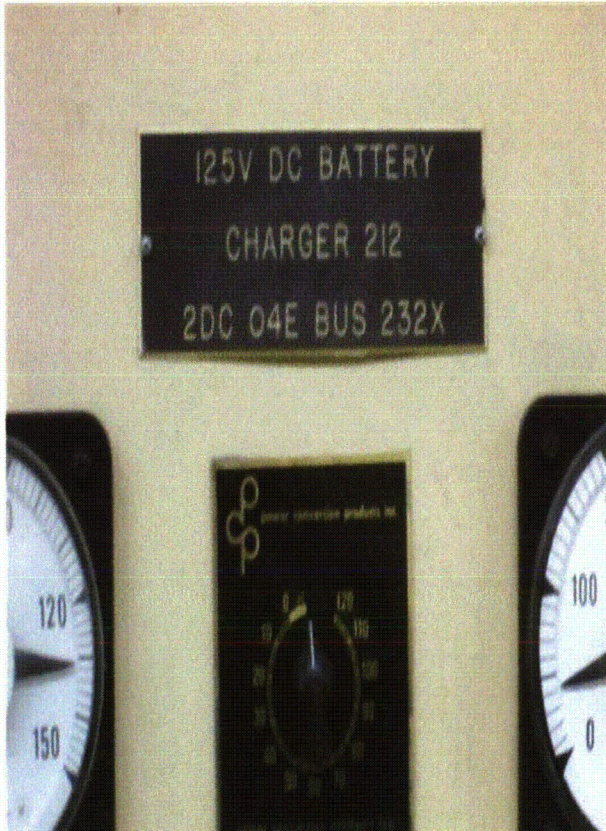
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 212 DIV. 22

Photos



2DC04E Byron 1 & 2 030



2DC04E Byron 1 & 2 031

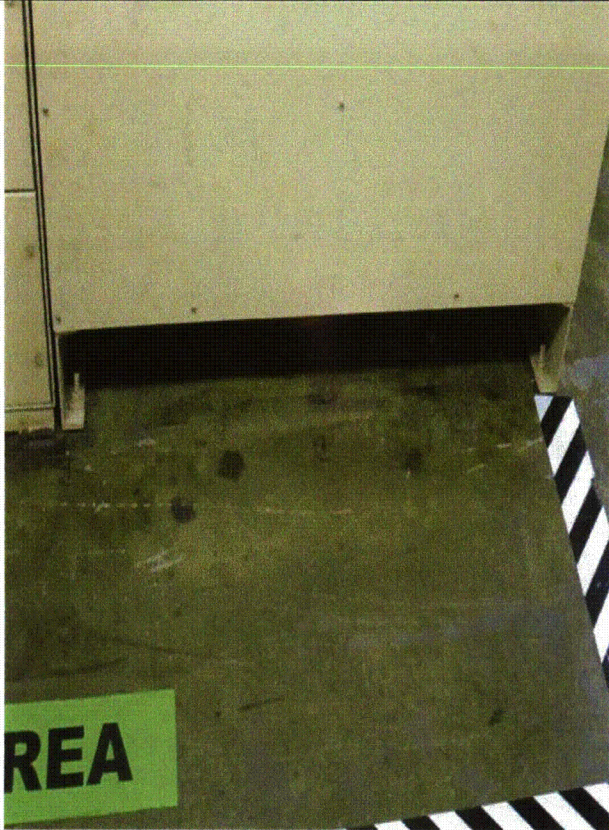
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 212 DIV. 22



2DC04E Byron 1 & 2 032

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC05E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 211

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 452.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes
Only mild corrosion - not a structural/seismic issue since anchorage configuration is maintained.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE
Weld exceeds drawing specified weld detail

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC05E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 211

Interaction Effects

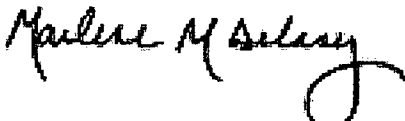
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
Adjacent cabinets 2DC03E and 2DC05E do not appear to be bolted together however per Operations, no relays or other electrical components whose position could change during a seismic event are contained in either cabinet.

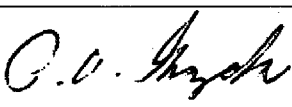
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am, 8/8/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

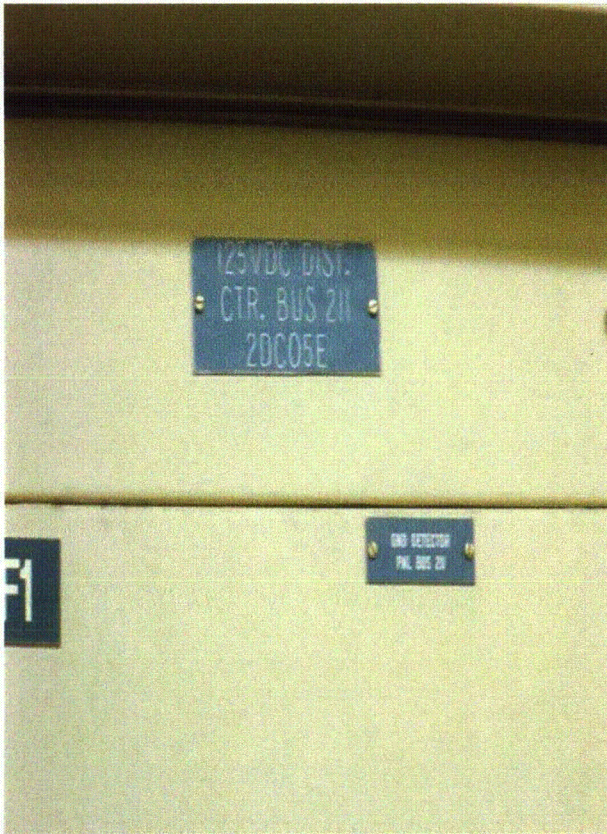
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC05E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 211

Photos



2DC05E Byron 1 & 2 011



2DC05E Byron 1 & 2 012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC05E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 211



2DC05E Byron 1 & 2 013

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 212

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE
Weld exceeds drawing requirements

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 212

Interaction Effects

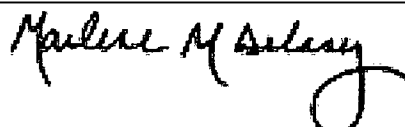
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
Adjacent panel 2DC04E is not bolted to 2DC06E. Per operations neither cabinet contains relays therefore this is acceptable.

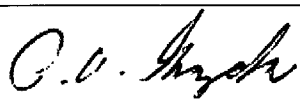
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am, 8/8/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 212

Photos



2DC06E Byron 1 & 2 025



2DC06E Byron 1 & 2 026

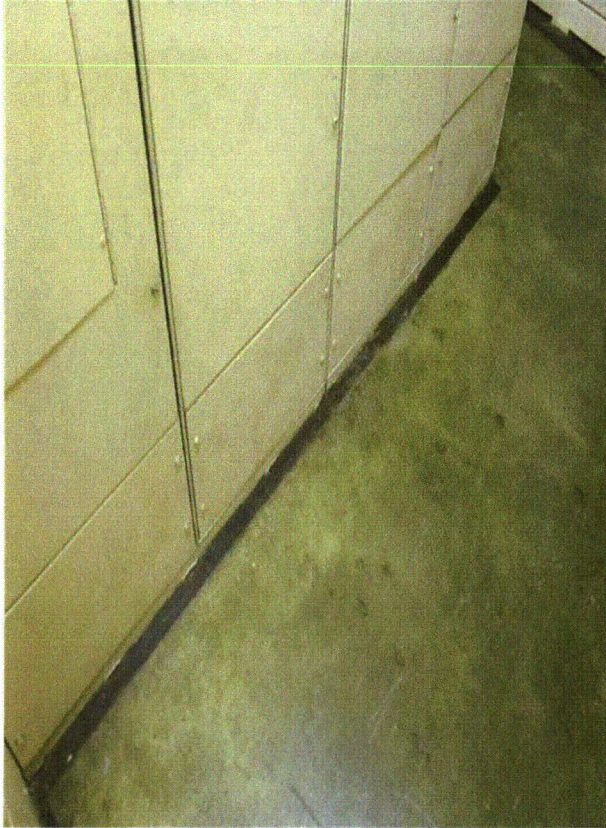
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC ESF DIST CENTER 212



2DC06E Byron 1 & 2 027

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06EA

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC ESF DIST PNL 212

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE
Part of 2DC06E
Weld exceeds drawing requirements

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06EA

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC ESF DIST PNL 212

Interaction Effects

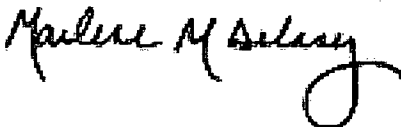
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes


Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC06EA

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC ESF DIST PNL 212

Photos



Byron 1 & 2 029 2DC06EA

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC10J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 21

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391E Revision AT
Panel is well-anchored. Anchor spacing varies from drawing but anchor size of 5/8" requires a minimum spacing of 7 1/2" per DCS 24.1.2 Revision 1, the as-built spacing of 9" is greater than the minimum spacing and is acceptable.
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC10J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 21

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

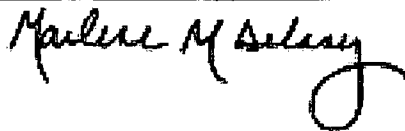
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
Other miscellaneous issues:
Cable tray riser - cables are contained at base and at top with grips. Riser is well-supported at top and bottom - not a structural/seismic issue and is acceptable.
Small, hairline cracks are not a structural/seismic issue.

Comments

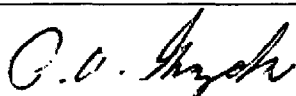
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am, 8/8/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC10J

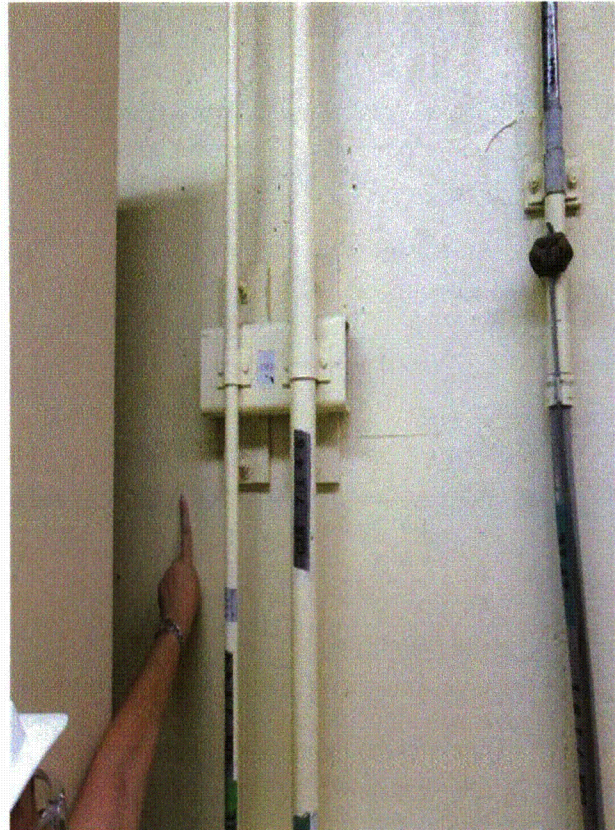
Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 21

Photos



2DC10J (AWB - VERTICAL CABLE TRAY OK) Byron
1 & 2 020



2DC10J (NP-6695) Byron 1 & 2 021

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DC10J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 21



2DC10J Byron 1 & 2 018



2DC10J Byron 1 & 2 019

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DG01KA

Equipment Class: (17) Engine-Generators

Equipment Description: 2A DIESEL GENERATOR SKID

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.)
Drawing M-1222 Sheet 8 Revision J Yes

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DG01KA

Equipment Class: (17) Engine-Generators

Equipment Description: 2A DIESEL GENERATOR SKID

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

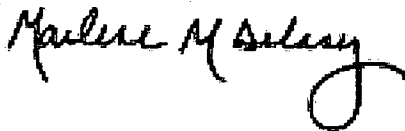
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
Small oil leaks - not a structural/seismic issue

Comments

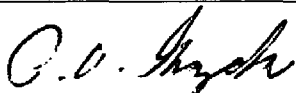
Seismic walkdown team M. Delaney & P. Gazda 8/7/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

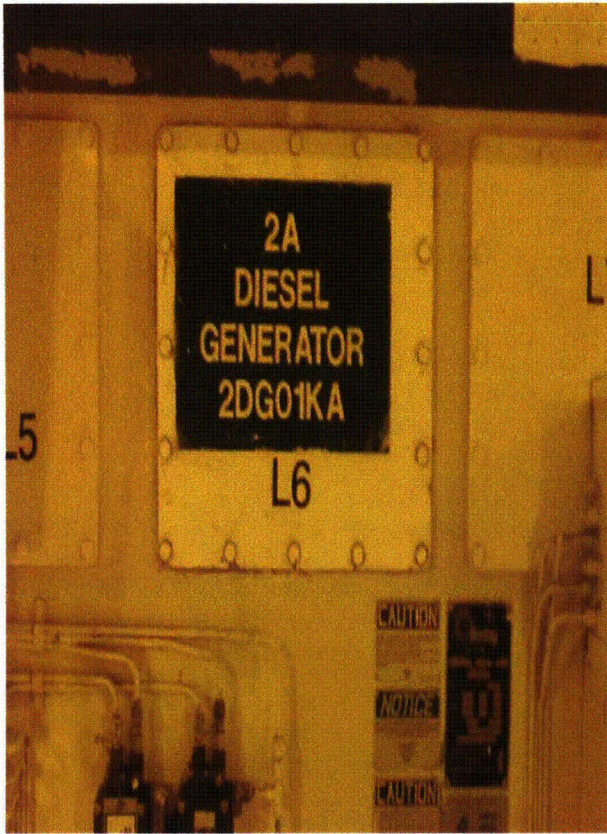
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DG01KA

Equipment Class: (17) Engine-Generators

Equipment Description: 2A DIESEL GENERATOR SKID

Photos



2DG01KA Byron 1 & 2 218



2DG01KA Byron 1 & 2 219

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DG01KA

Equipment Class: (17) Engine-Generators

Equipment Description: 2A DIESEL GENERATOR SKID



2DG01KA Byron 1 & 2 220

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DO01TA

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL OIL STORAGE TANK

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 373.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
*Very minor cracks in grout wash does not penetrate into grout or base slab.
Not a structural/seismic issue.*

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.) Yes
Drawing M-1214 Sheet 3 Revision W

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DO01TA

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL OIL STORAGE TANK

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Evaluated by: Marlene M. Delaney Marlene Delaney Date: 10/5/2012

P. V. Gazda Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2DO01TA

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL OIL STORAGE TANK

Photos

None.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE VENT VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE VENT VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and will not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

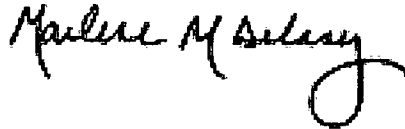
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

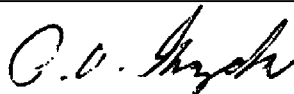
Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

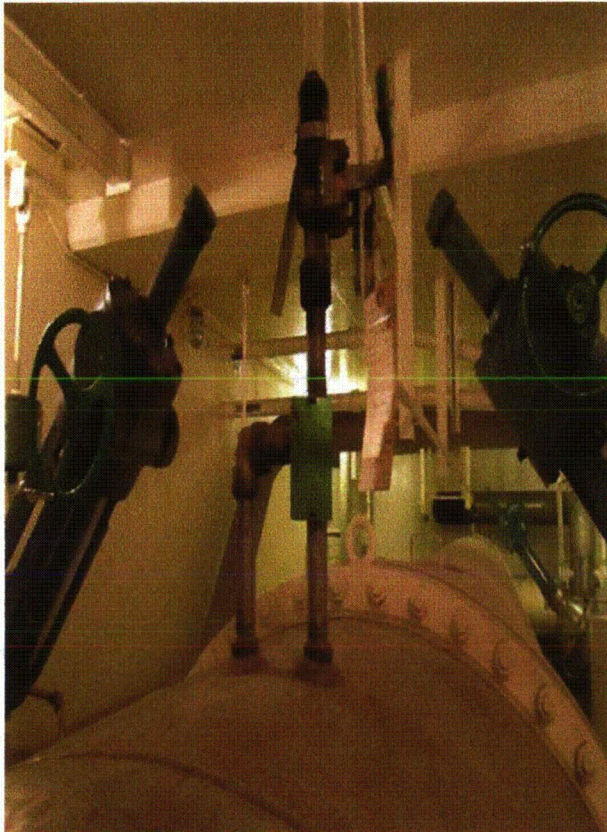
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE VENT VALVE

Photos



2FC004A Byron 1 & 2 8-9-12 037

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE VENT

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE VENT

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

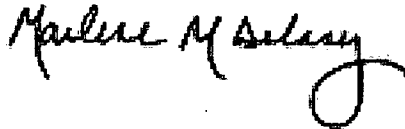
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

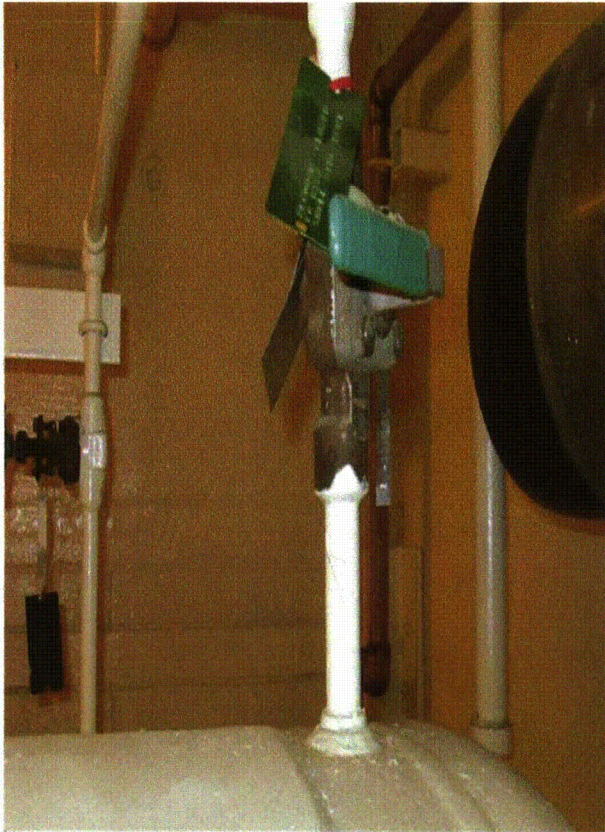
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC004B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE VENT

Photos



2FC004B Byron 1 & 2 8-9-12 049

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC005

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING DRN VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC005

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING DRN VALVE

Interaction Effects

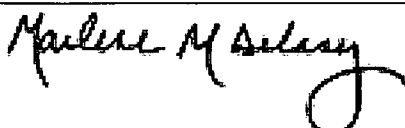
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

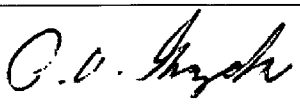
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC005

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING DRN VALVE

Photos



2FC005 Byron 1 & 2 8-9-12 030

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC006

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING VENT VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC006

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING VENT VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

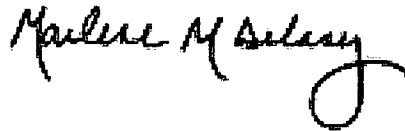
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

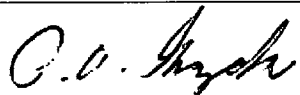
Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

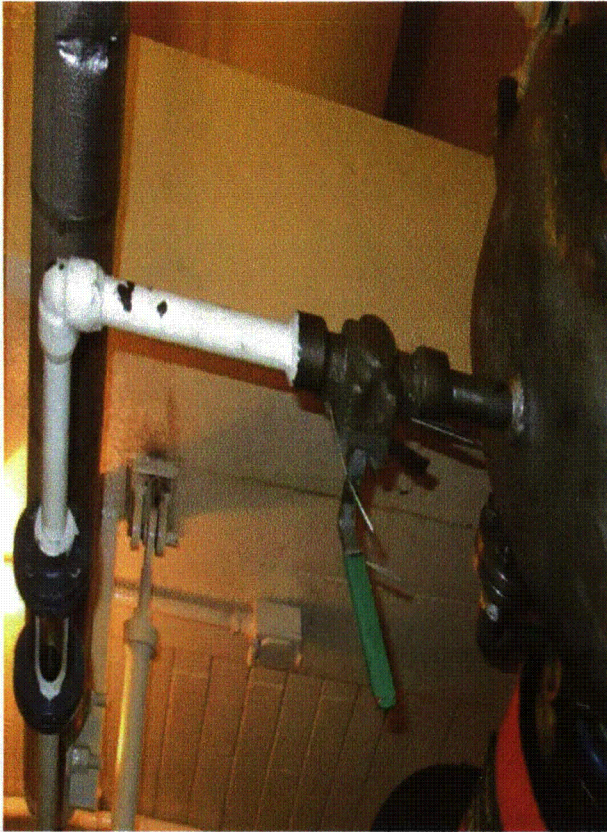
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC006

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP CASING VENT VALVE

Photos



2FC006 Byron 1 & 2 8-9-12 032

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC011

Equipment Class: (0) Other

Equipment Description: SFP FLT DEMIN LOOP RTRN TO U-2 REFUEL CAV CNMT ISOL VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC011

Equipment Class: (0) Other

Equipment Description: SFP FLT DEMIN LOOP RTRN TO U-2 REFUEL CAV CNMT ISOL VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
Handrail modified to provide clearance for valve and to prevent spatial interaction issues. Clearances are relatively large for potential pipe movements during a seismic event.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

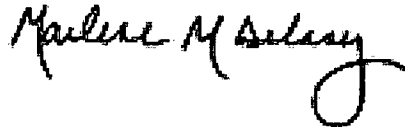
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
Valve is well-supported at penetration and downstream.

Comments

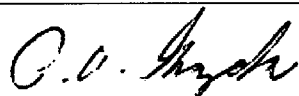
Seismic walkdown team M. Delaney & P. Gazda 8/21/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

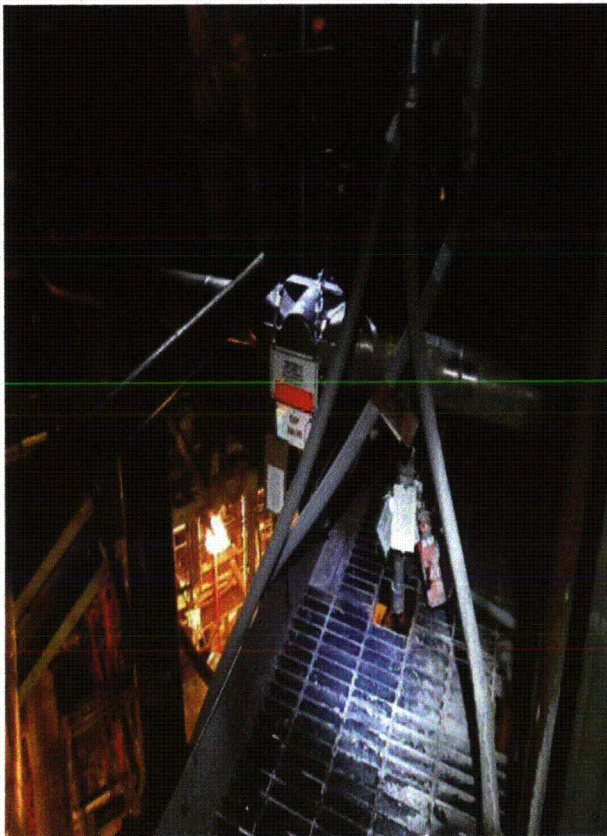
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC011

Equipment Class: (0) Other

Equipment Description: SFP FLT DEMIN LOOP RTRN TO U-2 REFUEL CAV CNMT ISOL VALVE

Photos



2FC011 Byron 1 & 2 8-21-12 024

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HEAT EXCHANGER

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.)
Drawing M-1219 Sheet 3 Revision AH Yes

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HEAT EXCHANGER

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

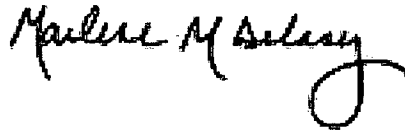
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

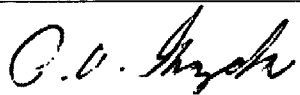
Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HEAT EXCHANGER

Photos



2FC01A Byron 1 & 2 8-9-12 051

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP, SPENT FUEL PIT 12X14-14

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing M-1219 Sheet 3 Revision AH

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP, SPENT FUEL PIT 12X14-14

Interaction Effects

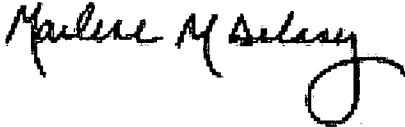
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

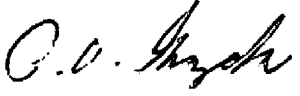
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP, SPENT FUEL PIT 12X14-14

Photos



2FC01P Byron 1 & 2 8-9-12 026



2FC01P Byron 1 & 2 8-9-12 027

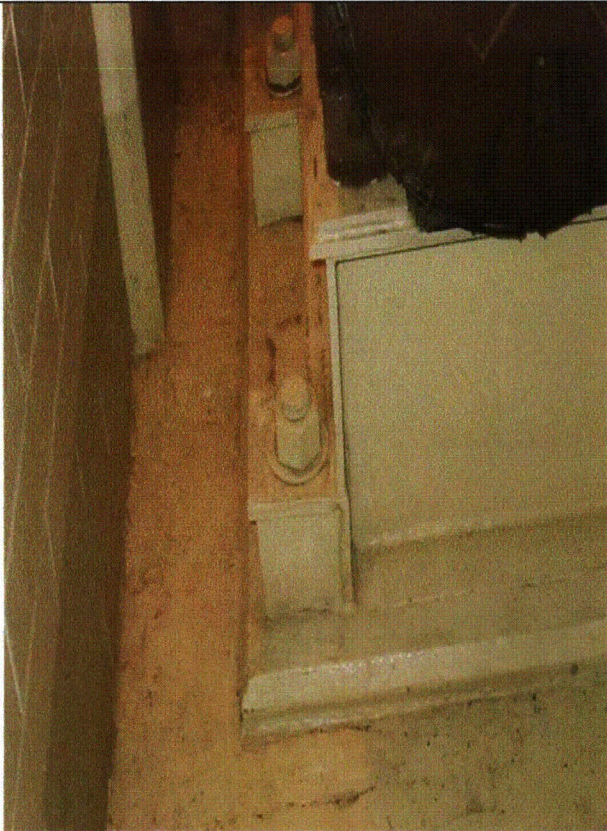
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP, SPENT FUEL PIT 12X14-14



2FC01P Byron 1 & 2 8-9-12 028

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC022

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ISOL TO 2PI-633 VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC022

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ISOL TO 2PI-633 VALVE

Interaction Effects

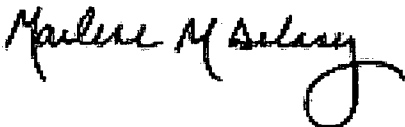
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

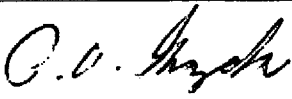
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

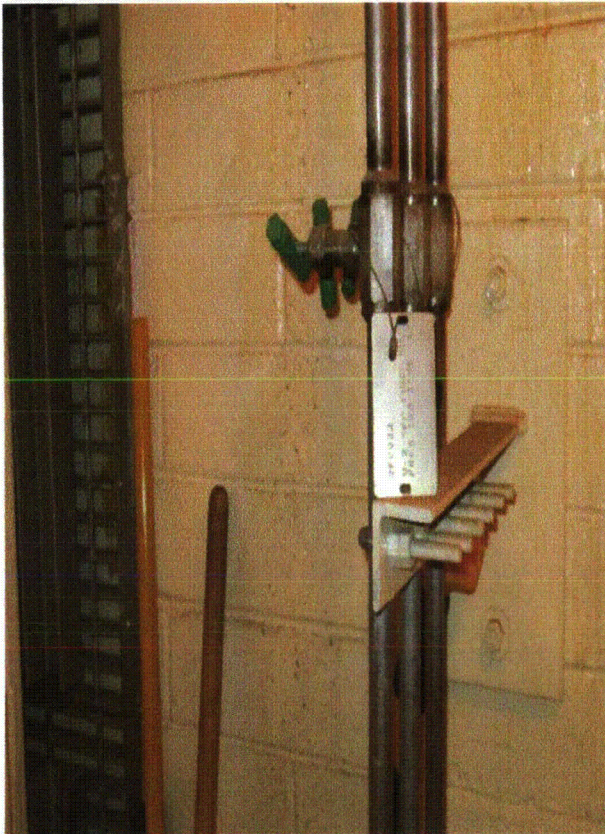
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC022

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ISOL TO 2PI-633 VALVE

Photos



2FC022 Byron 1 & 2 8-9-12 054

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8756

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCTION VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8756

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCTION VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

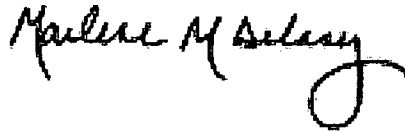
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

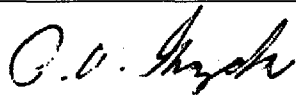
Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

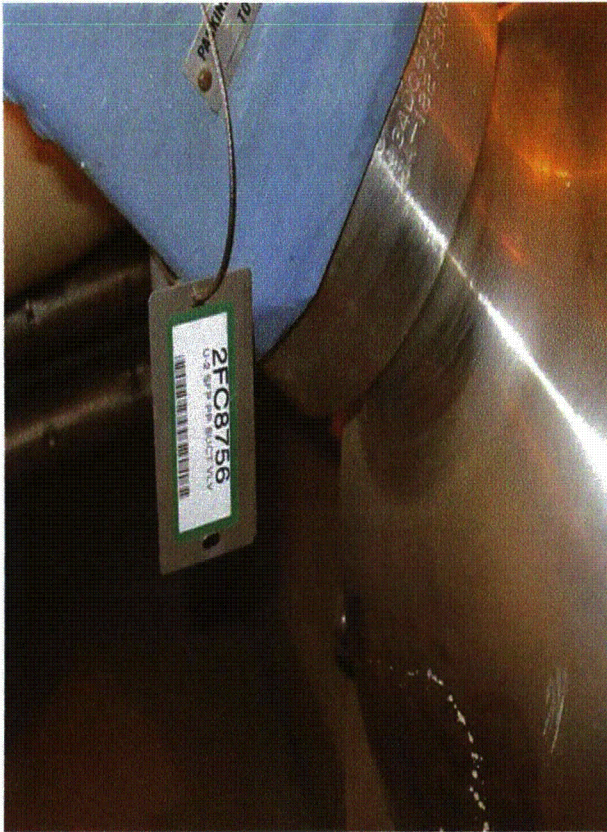
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8756

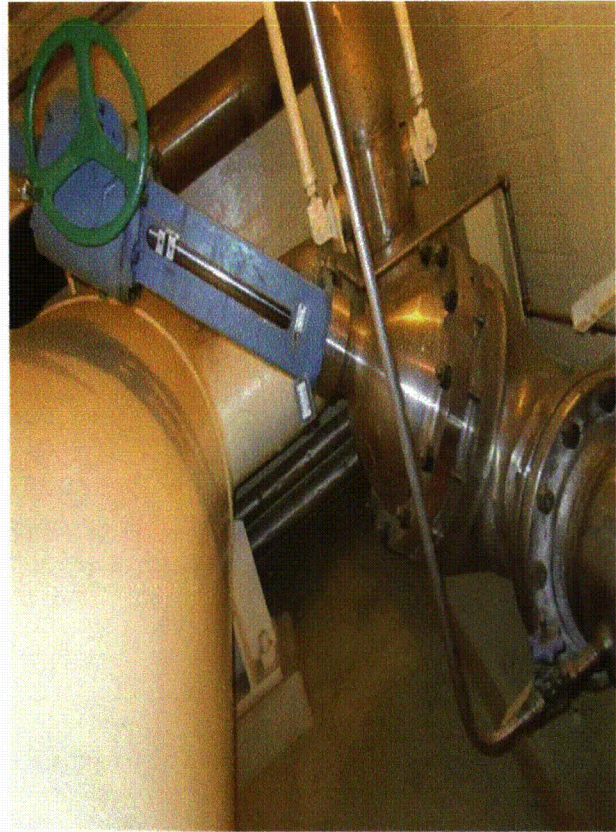
Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCTION VALVE

Photos



2FC8756 Byron 1 & 2 8-9-12 046



2FC8756 Byron 1 & 2 8-9-12 047

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8757

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ROOT TO 2PI-633 VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8757

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ROOT TO 2PI-633 VALVE

Interaction Effects

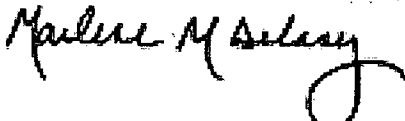
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

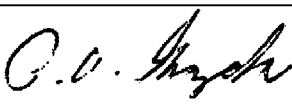
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8757

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP SUCT INST ROOT TO 2PI-633 VALVE

Photos



2FC8757 Byron 1 & 2 8-9-12 035

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8758

Equipment Class: (0) Other

Equipment Description: REFUELING WTR PURIF PMP SUCT FROM U-2 RWST

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8758

Equipment Class: (0) Other

Equipment Description: REFUELING WTR PURIF PMP SUCT FROM U-2 RWST

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

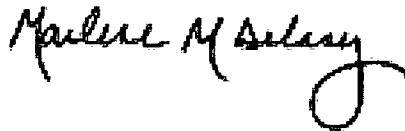
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/21/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8758

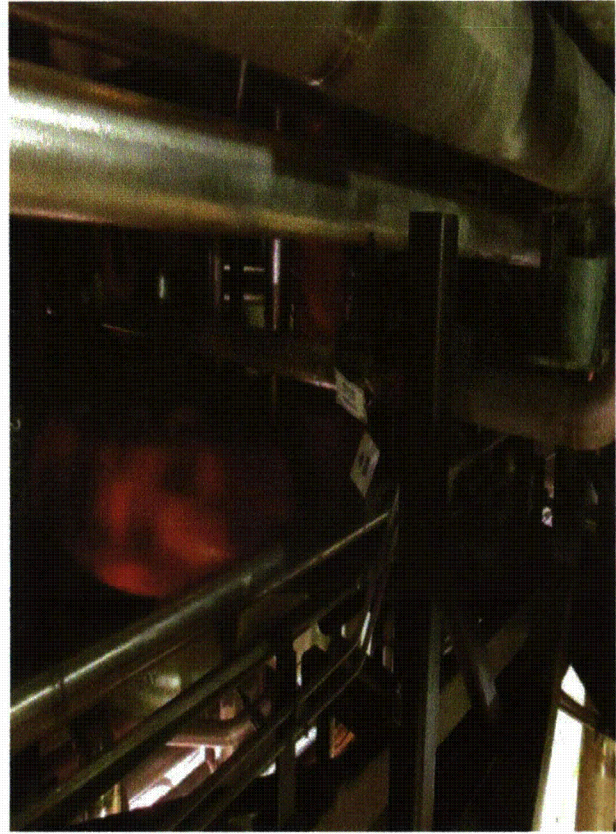
Equipment Class: (0) Other

Equipment Description: REFUELING WTR PURIF PMP SUCT FROM U-2 RWST

Photos



2FC8758 Byron 1 & 2 8-21-12 023



2FC8758 Byron 1 & 2 8-21-12 022

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: SPENT FUEL PIT HX INLET VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: SPENT FUEL PIT HX INLET VALVE

Interaction Effects

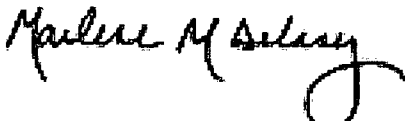
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

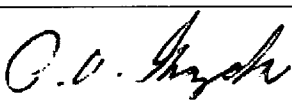
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
Boron leak IR tag attached to valve. Leak not active. Not a structural/seismic issue.

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

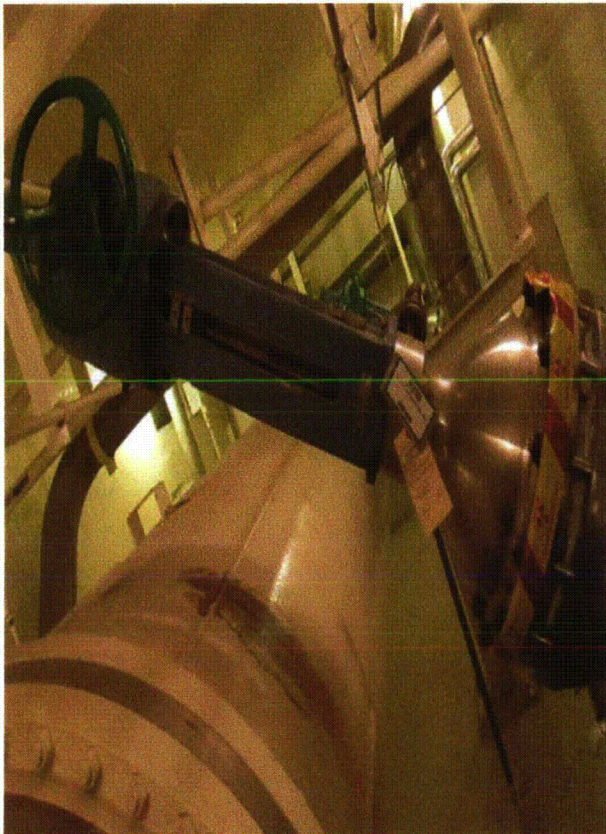
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: SPENT FUEL PIT HX INLET VALVE

Photos



2FC8762A Byron 1 & 2 8-9-12 039

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX OUTLET VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX OUTLET VALVE

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

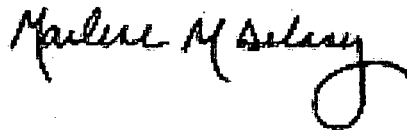
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

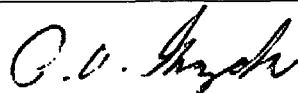
Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8762B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX OUTLET VALVE

Photos

None.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE DRN VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE DRN VALVE

Interaction Effects

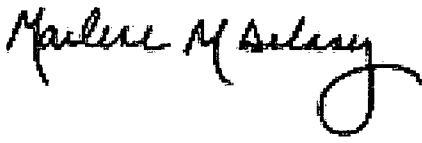
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

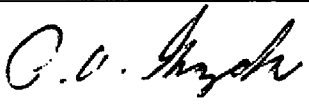
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX TUBE SIDE DRN VALVE

Photos



2FC8792A Byron 1 & 2 8-9-12 043

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE DRN VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE DRN VALVE

Interaction Effects

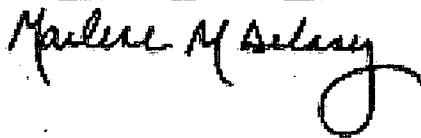
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

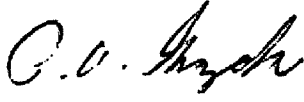
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

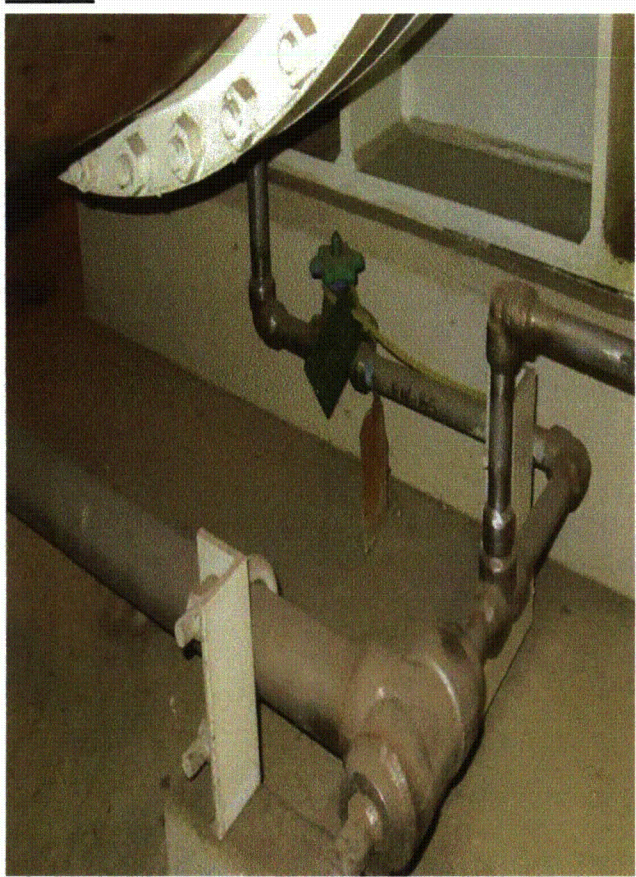
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8792B

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX SHELL SIDE DRN VALVE

Photos



2FC8792B Byron 1 & 2 8-9-12 045

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8793

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP DISCH CHECK VALVE

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8793

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP DISCH CHECK VALVE

Interaction Effects

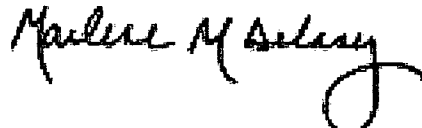
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

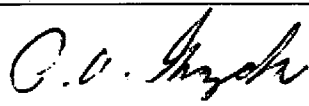
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/9/12 am

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

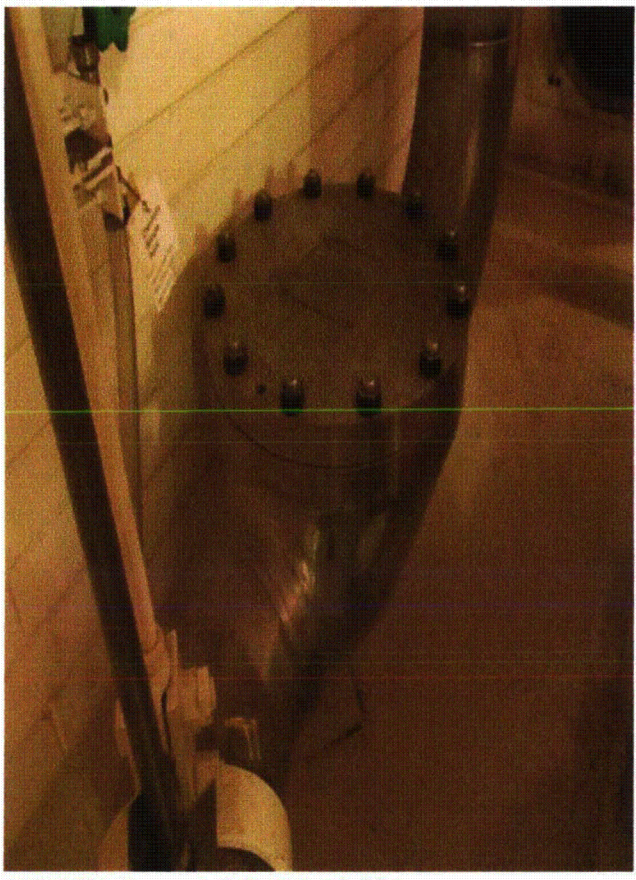
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FC8793

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT PMP DISCH CHECK VALVE

Photos



2FC8793 Byron 1 & 2 8-9-12 034

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FT-AF012

Equipment Class: (18) Instruments on Racks

Equipment Description: AF TO SG 2A FLOW TRANSMITTER

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Instrument is securely attached to Rack 2PL84JB which is well-braced and anchored.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FT-AF012

Equipment Class: (18) Instruments on Racks

Equipment Description: AF TO SG 2A FLOW TRANSMITTER

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

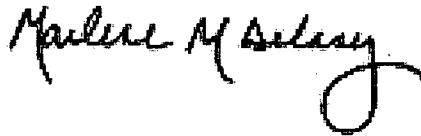
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments


Seismic walkdown team M. Delaney & P. Gazda 8/20/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2FT-AF012

Equipment Class: (18) Instruments on Racks

Equipment Description: AF TO SG 2A FLOW TRANSMITTER

Photos



2FT-AF012 Byron 1 & 2 8-20-12 069

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP02E

Equipment Class: (4) Transformers

Equipment Description: INSTRUMENT BUS 212 TRANSFORMER - DIV. 22

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP02E

Equipment Class: (4) Transformers

Equipment Description: INSTRUMENT BUS 212 TRANSFORMER - DIV. 22

Interaction Effects

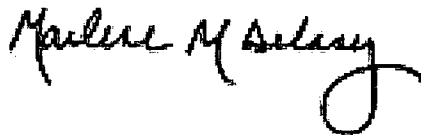
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

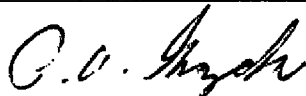
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am



Evaluated by:

Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP02E

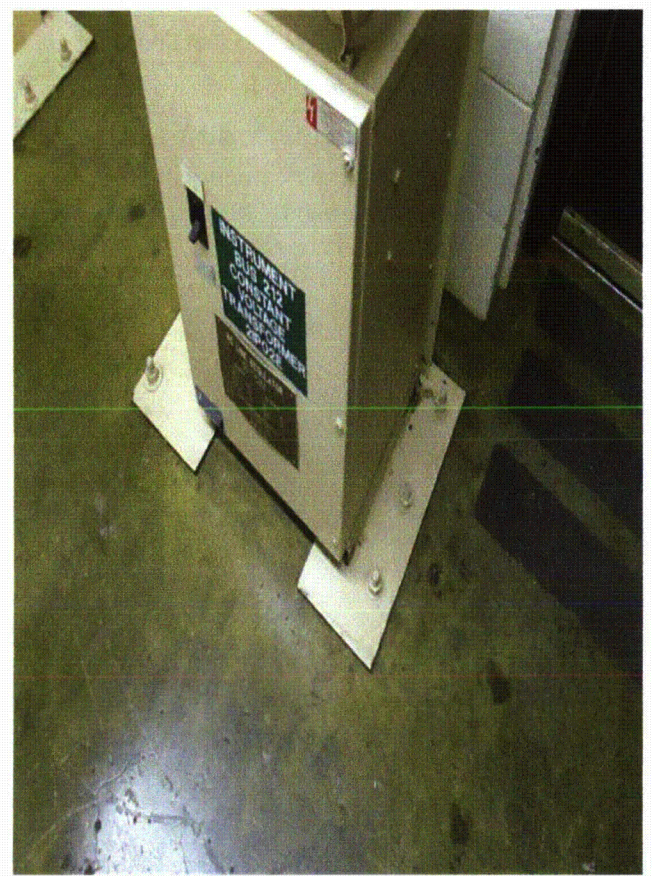
Equipment Class: (4) Transformers

Equipment Description: INSTRUMENT BUS 212 TRANSFORMER - DIV. 22

Photos



2IP02E Byron 1 & 2 022



2IP02E Byron 1 & 2 023

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP05E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 211 INVERTER - DIV. 21

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP05E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 211 INVERTER - DIV. 21

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

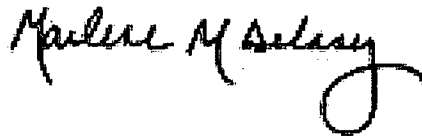
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP05E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 211 INVERTER - DIV. 21

Photos

None.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP06E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 212 INVERTER - DIV. 22

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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.) Yes
Drawing 6E-0-3391C Revision BE
(anchorage visible through panel at base of equipment)

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP06E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 212 INVERTER - DIV. 22

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry walls are seismic and would not collapse on adjacent equipment
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

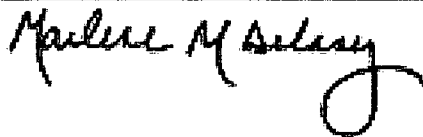
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments


Seismic walkdown team M. Delaney & P. Gazda 8/6/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IP06E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: INSTRUMENT BUS 212 INVERTER - DIV. 22

Photos



2IP06E Byron 1 & 2 033



2IP06E Byron 1 & 2 034

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IY-0606

Equipment Class: (18) Instruments on Racks

Equipment Description: RH HX 2A OUT I/P TRANSDUCER

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
Instrument is securely attached to Rack 2PL86J which is well-braced and anchored.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2IY-0606

Equipment Class: (18) Instruments on Racks

Equipment Description: RH HX 2A OUT I/P TRANSDUCER

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

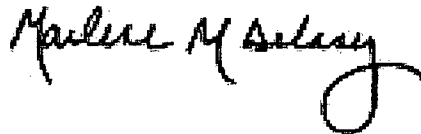
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

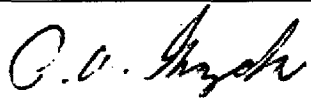
Seismic walkdown team M. Delaney & P. Gazda 8/20/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

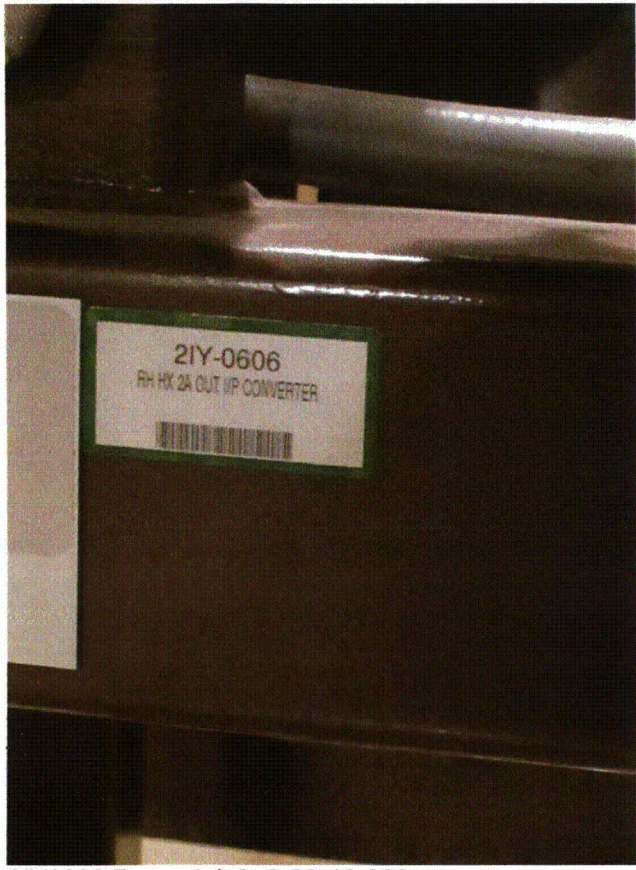
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 21Y-0606

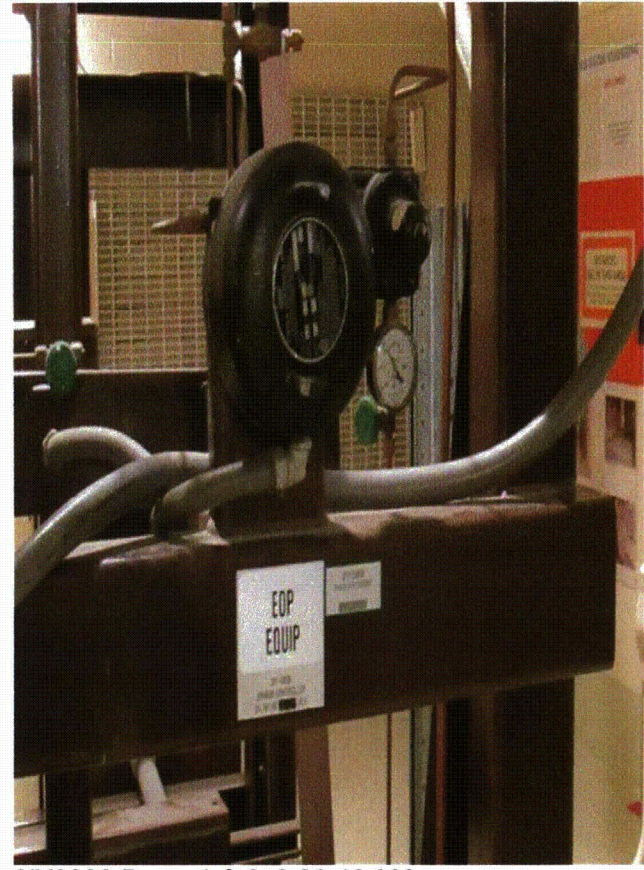
Equipment Class: (18) Instruments on Racks

Equipment Description: RH HX 2A OUT I/P TRANSDUCER

Photos



21Y0606 Byron 1 & 2 8-20-12 062



21Y0606 Byron 1 & 2 8-20-12 063

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS001C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: MS ISOL VLV LOOP 2C ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 377.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS001C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: MS ISOL VLV LOOP 2C ASMBLY

Interaction Effects

- | | |
|---|-----|
| 7. Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. Do attached lines have adequate flexibility to avoid damage? | Yes |
| 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? | Yes |

Other Adverse Conditions

- | | |
|--|-----|
| 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
<i>One bolt missing at accumulator (top of valve), typical for all valves of this type. Station personnel contacted and missing bolts are acceptable since they are only used for rigging. Not a seismic/structural issue.</i> | Yes |
|--|-----|

Degradation at expansion joint with containment wall (at ceiling)- not a structural/seismic issue. The joints in question are made up of some sort of compressible/flexible material. Since the containment structure is a standalone structure and is analyzed and designed that way there is a gap between it and an adjacent structure (like the MSIV rooms). The gap is sized to allow seismic movements of each structure and is filled with the flexible material. The material is only there to close the opening and has no structural or seismic significance.

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/7/12 am

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS001C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: MS ISOL VLV LOOP 2C ASMBLY

Marlene M Delaney

Evaluated by:

Marlene Delaney

Date: 10/5/2012

P. V. Gazda

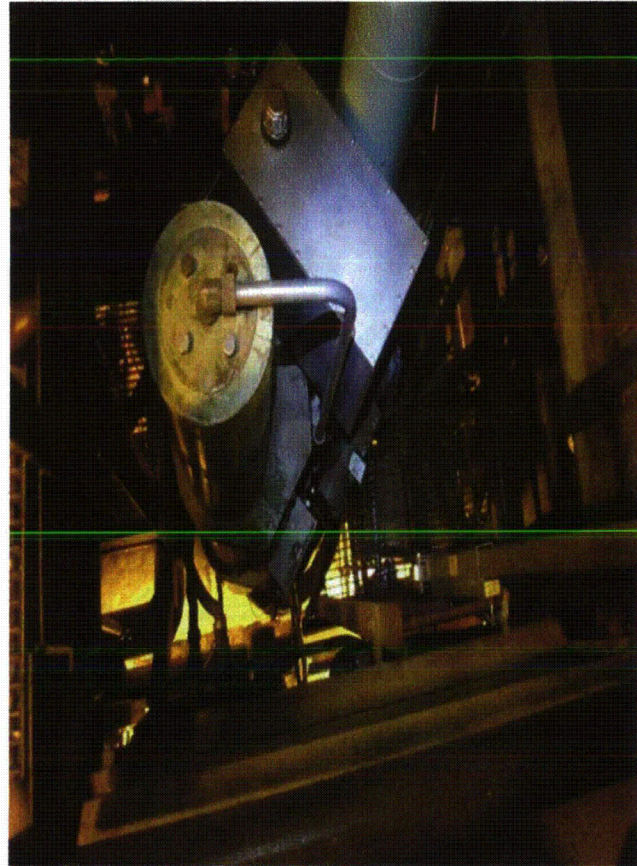
Philip Gazda

10/5/2012

Photos



2MS001C Byron 1 & 2 145



2MS001C Byron 1 & 2 146

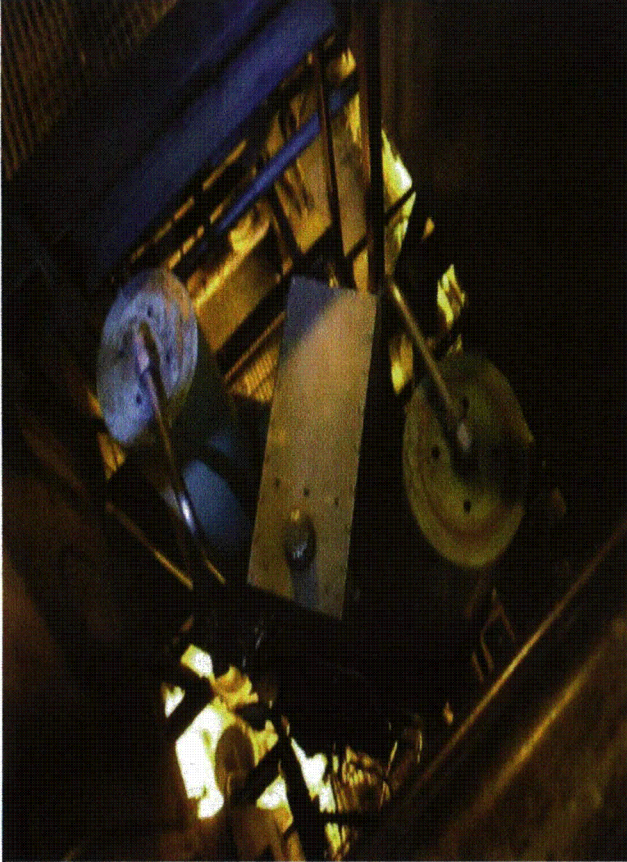
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS001C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: MS ISOL VLV LOOP 2C ASMBLY



2MS001C Byron 1 & 2 147

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018C

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2C PORV

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 404.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018C

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2C PORV

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

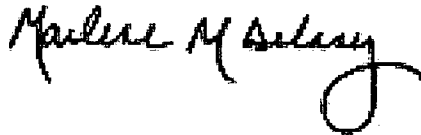
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
No structural/seismic issues

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/7/12 am

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018C

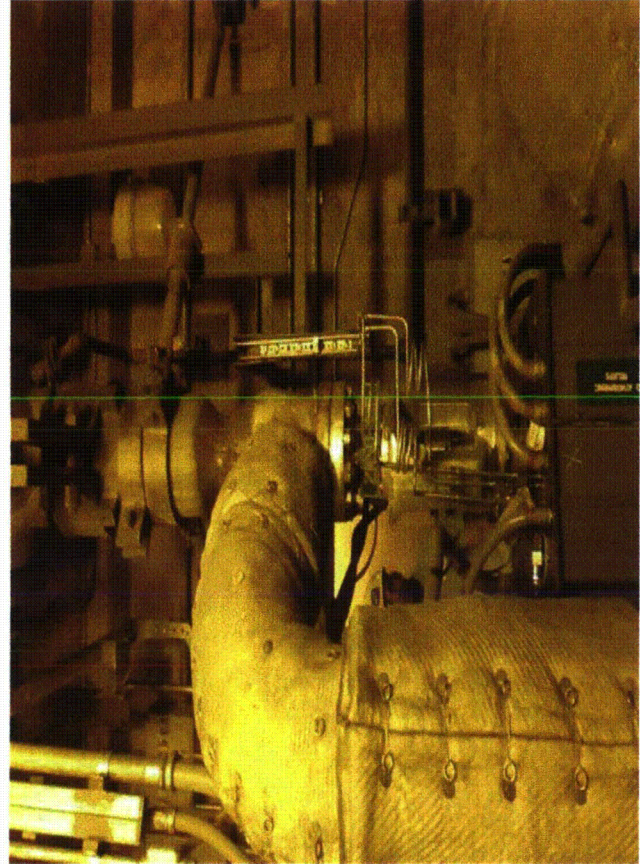
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2C PORV

Photos



2MS018C (DEGRADED ISO JOINT) Byron 1 & 2 143



2MS018C Byron 1 & 2 142

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018D

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2D PORV ASMBLY

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 401.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

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 Applicable

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

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018D

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2D PORV ASMBLY

Interaction Effects

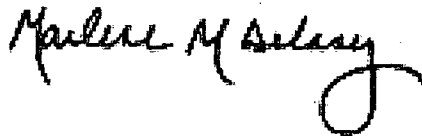
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

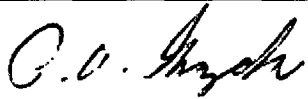
Seismic walkdown team M. Delaney & P. Gazda 8/7/12 am



Evaluated by:

Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

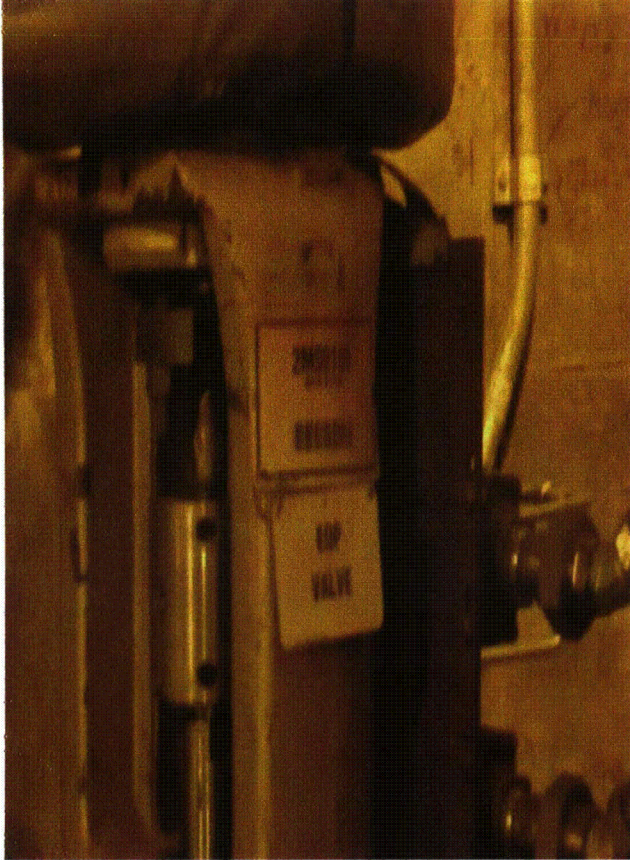
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2MS018D

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: S/G 2D PORV ASMBLY

Photos



2MS018D Byron 1 & 2 136



2MS018D Byron 1 & 2 137

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA01J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 1 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA01J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 1 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

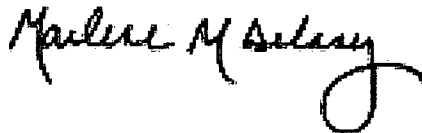
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm



Evaluated by:

Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

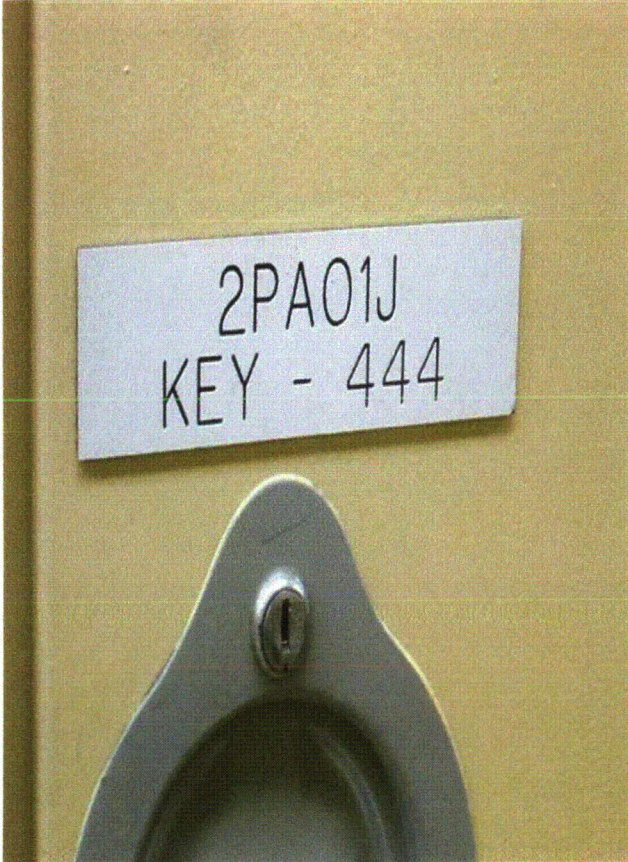
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA01J

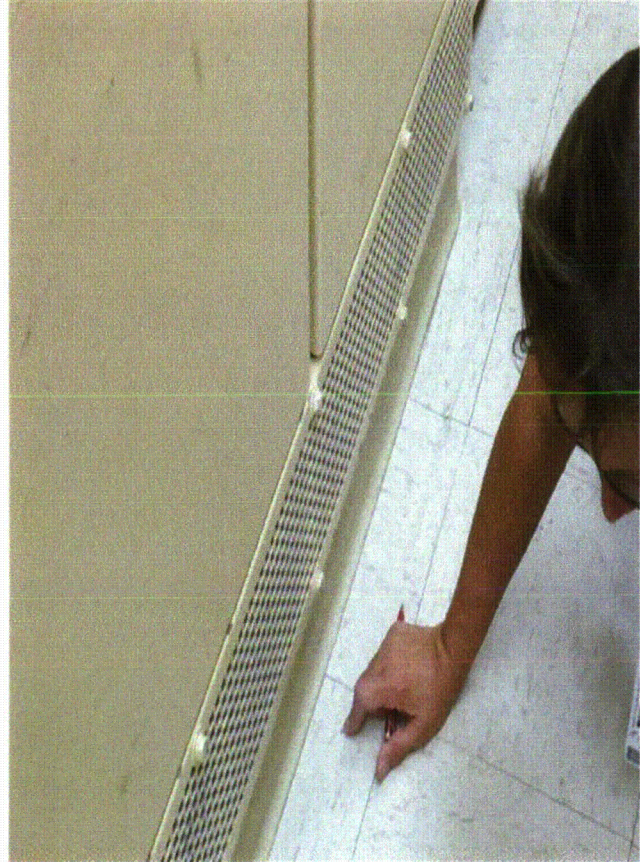
Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 1 0-3373B AB2

Photos



2PA01J Byron 1 & 2 048



2PA01J Byron 1 & 2 049

Status: Y N U

Seismic Walkdown Checklist (SWC)

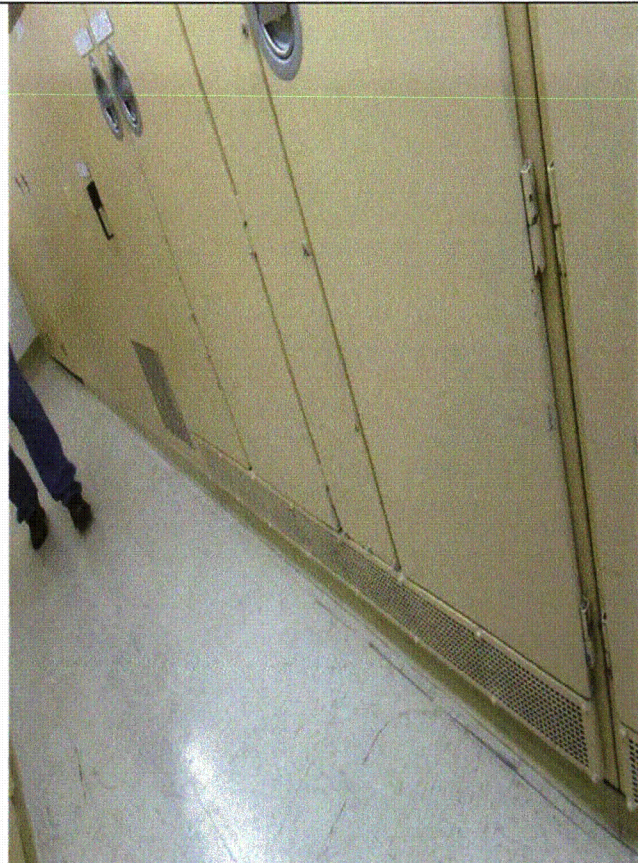
Equipment ID No.: 2PA01J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 1 0-3373B AB2



2PA01J Byron 1 & 2 050



2PA01J Byron 1 & 2 051

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA02J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 2 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA02J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 2 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

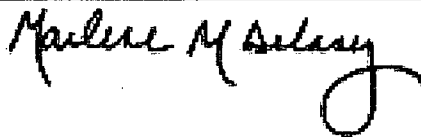
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

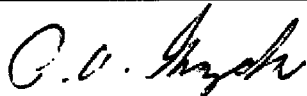
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA02J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 2 0-3373B AB2

Photos



2PA02J Byron 1 & 2 052



2PA02J Byron 1 & 2 053

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA03J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 3 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA03J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 3 0-3373B AB2

Interaction Effects

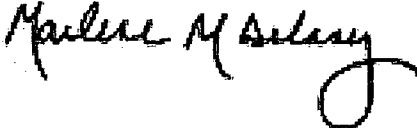
7. Are soft targets free from impact by nearby equipment or structures? Yes
Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

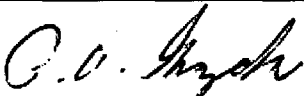
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

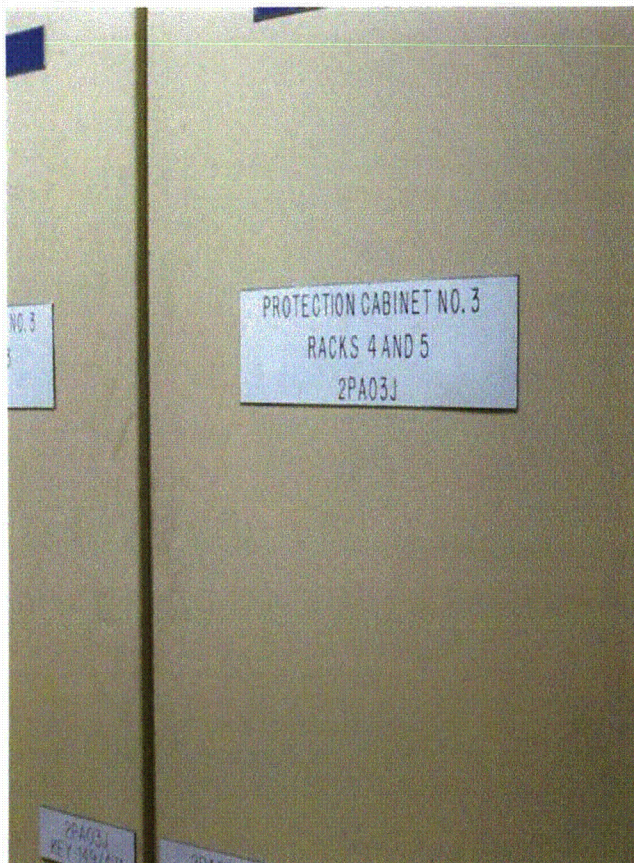
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA03J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 3 0-3373B AB2

Photos



2PA03J Byron 1 & 2 054



2PA03J Byron 1 & 2 055

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA04J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 4 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA04J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 4 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

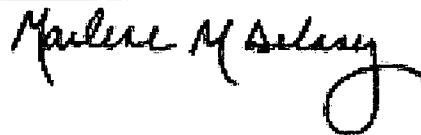
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

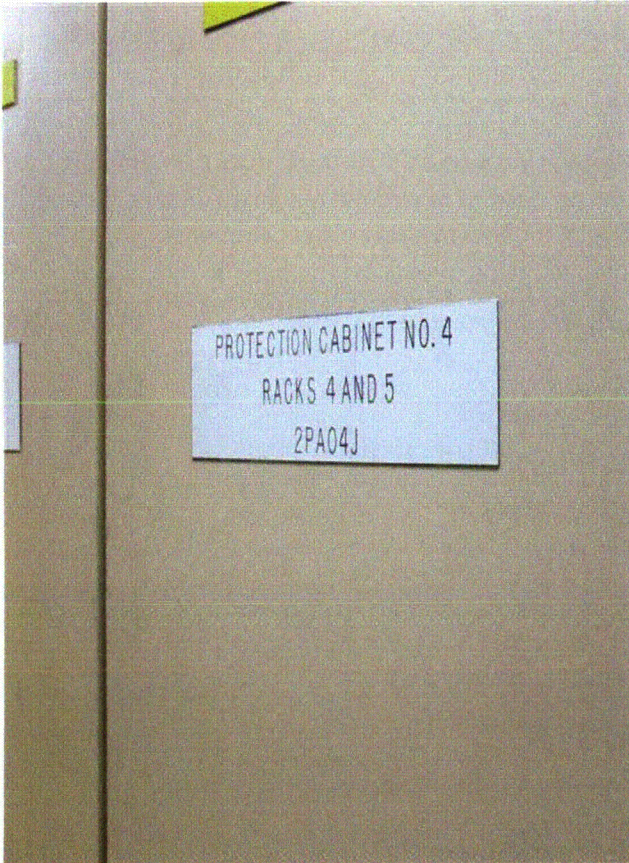
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA04J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK PROT CH 4 0-3373B AB2

Photos



2PA04J Byron 1 & 2 056



2PA04J Byron 1 & 2 057

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA06J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 2 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA06J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 2 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

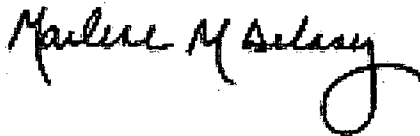
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

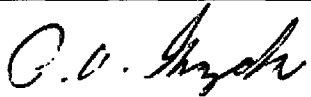
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

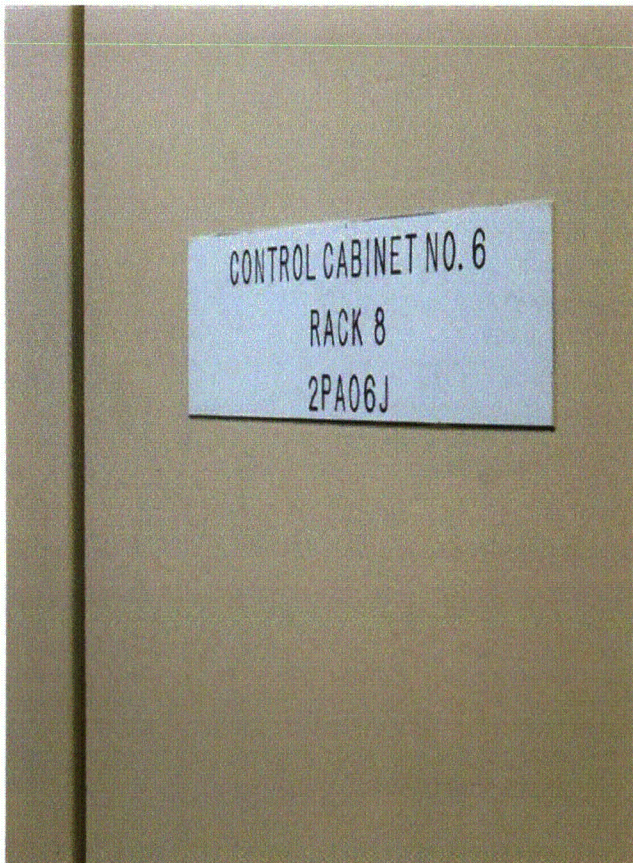
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA06J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 2 0-3373B AB2

Photos



2PA06J Byron 1 & 2 058



2PA06J Byron 1 & 2 059

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA07J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 3 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA07J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 3 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

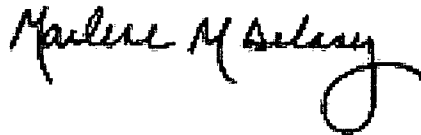
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

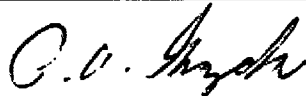
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA07J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 3 0-3373B AB2

Photos



2PA07J Byron 1 & 2 060



2PA07J Byron 1 & 2 061

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA08J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 4 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA08J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 4 0-3373B AB2

Interaction Effects

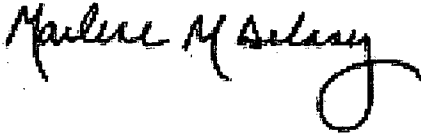
7. Are soft targets free from impact by nearby equipment or structures? Yes
Bolted to adjacent panel 2PA07J. Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

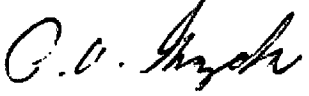
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:  Marlene Delaney Date: 10/5/2012

 Philip Gazda 10/5/2012

Status: Y N U

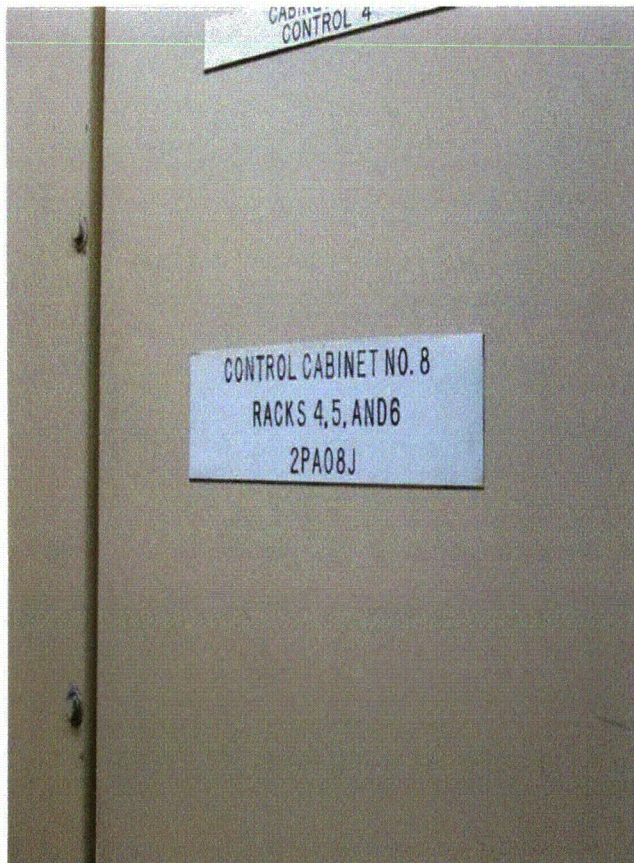
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA08J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROC I+C RACK CONT GRP 4 0-3373B AB2

Photos



2PA08J Byron 1 & 2 062



2PA08J Byron 1 & 2 063

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA09J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN A 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA09J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN A 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Externally bolted to adjacent Panel 2PA11J in back of panel. Interior bolting present at front to 2PA11J and both sides to 2PA33J. Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

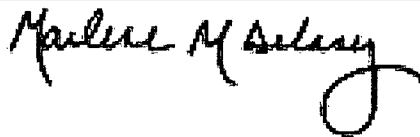
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

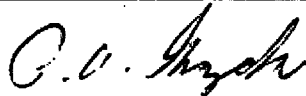
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA09J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN A 0-3373B AB2

Photos



2PA09J Byron 1 & 2 064



2PA09J Byron 1 & 2 065

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA10J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN B 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA10J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN B 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

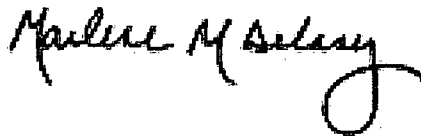
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

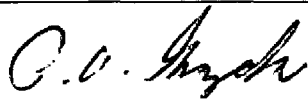
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA10J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB PROT SYST SOL ST RX/ESF TRN B 0-3373B AB2

Photos



2PA10J Byron 1 & 2 066



2PA10J Byron 1 & 2 067

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA11J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN A 0-3373B AB3

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA11J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN A 0-3373B AB3

Interaction Effects

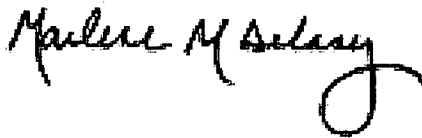
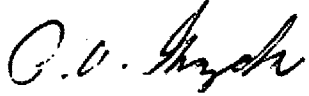
7. Are soft targets free from impact by nearby equipment or structures? Yes
Bolted to adjacent Panel 2PA09J externally on back of panel and on through the interior sides on the front of the panel. (Panel was opened) Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:  Marlene Delaney 10/5/2012
 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA11J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN A 0-3373B AB3

Photos



2PA11J Byron 1 & 2 068



2PA11J Byron 1 & 2 069

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA12J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN B 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA12J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN B 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

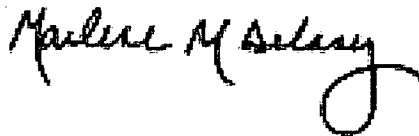
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments


Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA12J

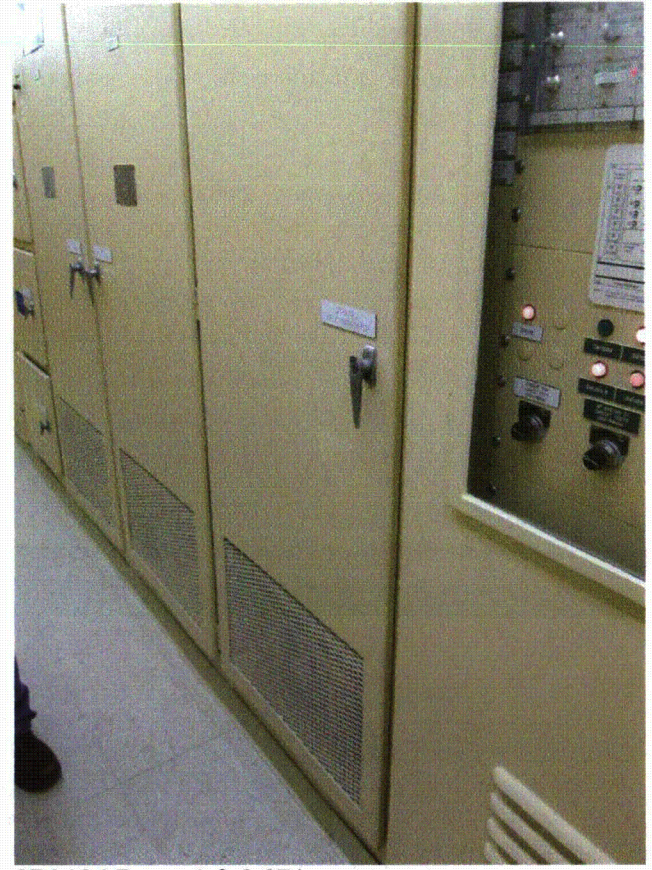
Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB TEST SAFEGUARD TRN B 0-3373B AB2

Photos



2PA12J Byron 1 & 2 070



2PA12J Byron 1 & 2 071

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA13J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN A 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA13J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN A 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

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

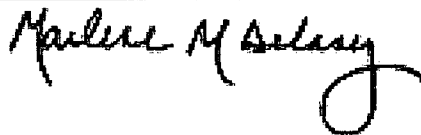
Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

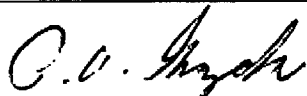
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:



Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA13J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN A 0-3373B AB2

Photos



2PA13J Byron 1 & 2 072



2PA13J Byron 1 & 2 073

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA14J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN B 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA14J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN B 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

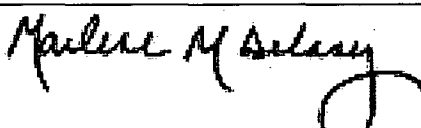
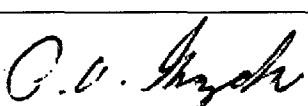
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm

Evaluated by:  Marlene Delaney Date: 10/5/2012
 Philip Gazda 10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA14J

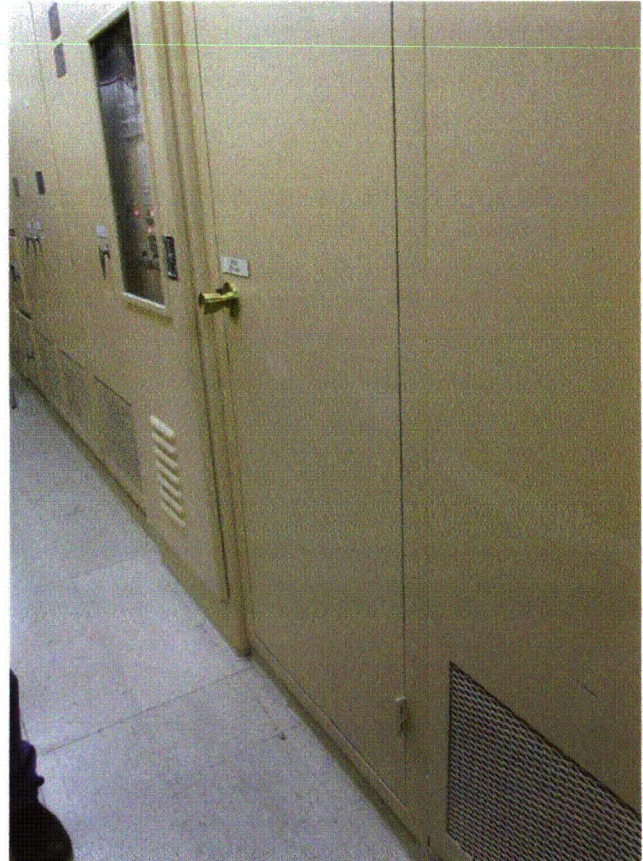
Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB ESF SEQ/ACT TRN B 0-3373B AB2

Photos



2PA14J Byron 1 & 2 074



2PA14J Byron 1 & 2 075

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA27J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN A 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA27J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN A 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

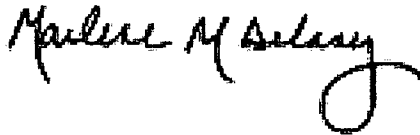
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments


Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm



Evaluated by:

Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA27J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN A 0-3373B AB2

Photos



2PA27J Byron 1 & 2 076



2PA27J Byron 1 & 2 077

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA28J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN B 0-3373B AB2

Project: Byron 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

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 Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes
See discussion in Section 5 of report to address cove molding at anchorage detail. Anchorage is judged to be acceptable.

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA28J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN B 0-3373B AB2

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Yes

Adjacent cabinets are bolted together to eliminate spatial interaction during a seismic event.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes

Partially open S-hooks on lights. IR 1397694 was written to inspect and close S-hooks. S-hooks are not likely to become disengaged in a seismic event since they are not fully open and are therefore acceptable.

9. Do attached lines have adequate flexibility to avoid damage? Yes

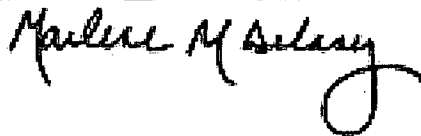
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes

Comments

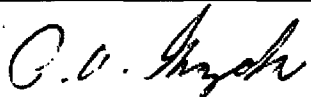
Seismic walkdown team M. Delaney & P. Gazda 8/6/12 pm



Evaluated by:

Marlene Delaney

Date: 10/5/2012



Philip Gazda

10/5/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2PA28J

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CAB RELAY AUX SAFEGUARD TRN B 0-3373B AB2

Photos



2PA28J Byron 1 & 2 078



2PA28J Byron 1 & 2 079