

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-130-AB2

Equipment Class: (5) Horizontal Pumps

Equipment Description: AB EMERGENCY DIESEL JACKET WATER PUMP #2
P9130441 P9130442

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 587.00 ft, 121

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
SQUG 2-QT-141-AB1 REV0

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

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1

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

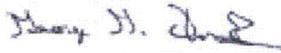
9. Do attached lines have adequate flexibility to avoid damage? Yes

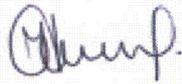
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1



P9130412



P9130413

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1



P9130414



P9130415



P9130416



P9130417

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1



P9130418



P9130420

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-142-AB2

Equipment Class: (12) Air Compressors

Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 587.00 ft, 121

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
DWG 12-3462-33

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

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-142-AB2

Equipment Class: (12) Air Compressors

Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2

7. Are soft targets free from impact by nearby equipment or structures? No

Fire extinguishers on short hooks - AR 2012-11669 was issued.

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

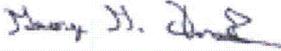
9. Do attached lines have adequate flexibility to avoid damage? Yes

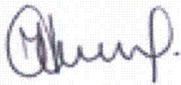
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? No

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

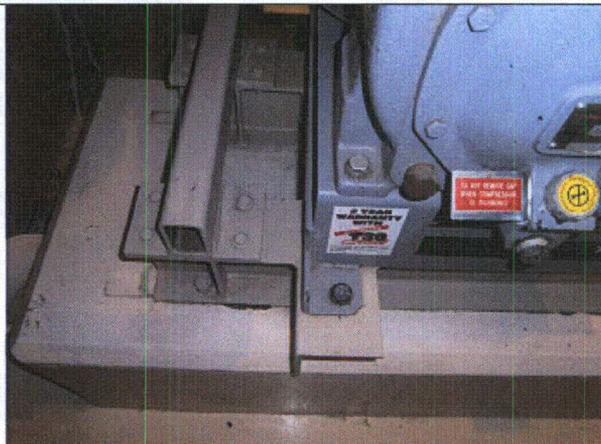
Equipment ID No.: 2-QT-142-AB2

Equipment Class: (12) Air Compressors

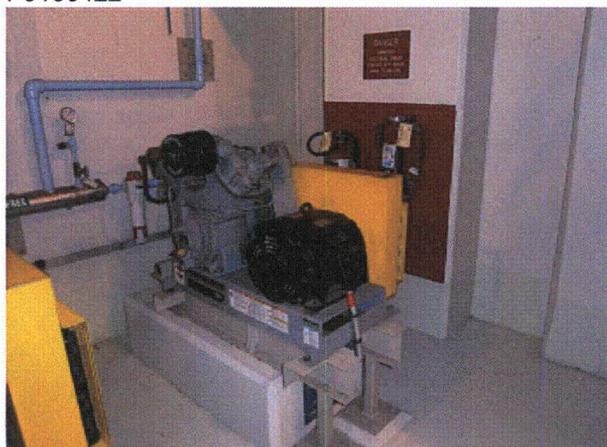
Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2



P9130422



P9130423



P9130424



P9130425

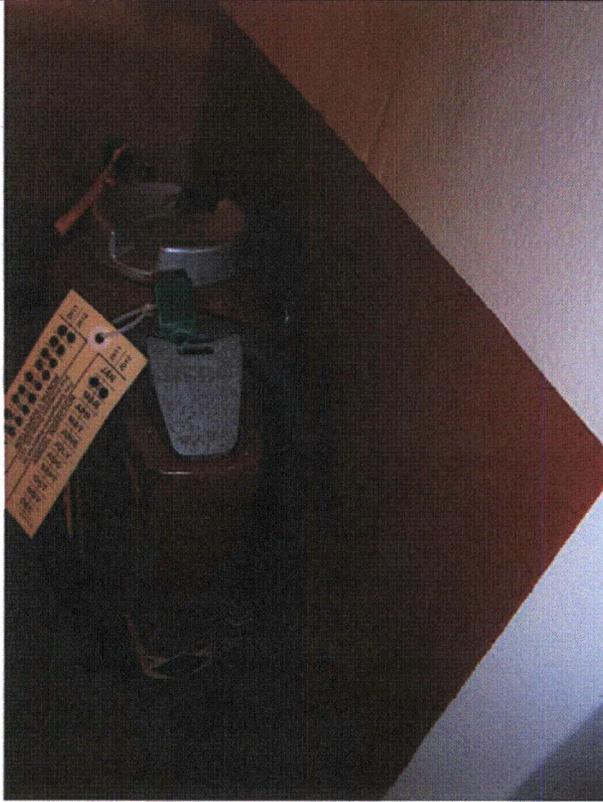
Status: Y N U

Seismic Walkdown Checklist (SWC)

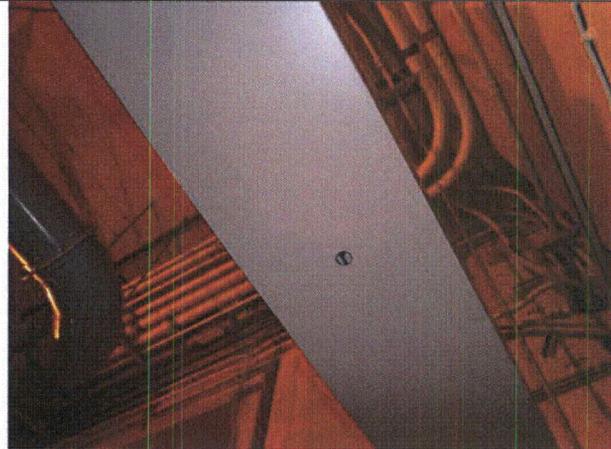
Equipment ID No.: 2-QT-142-AB2

Equipment Class: (12) Air Compressors

Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2



P9130426



P9130427

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-506

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

Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): TB2, 591.00 ft, 49

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-506

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

Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND

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

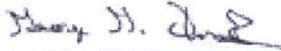
9. Do attached lines have adequate flexibility to avoid damage? Yes

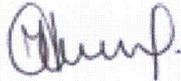
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-506

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

Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND



P9191321



P9191322

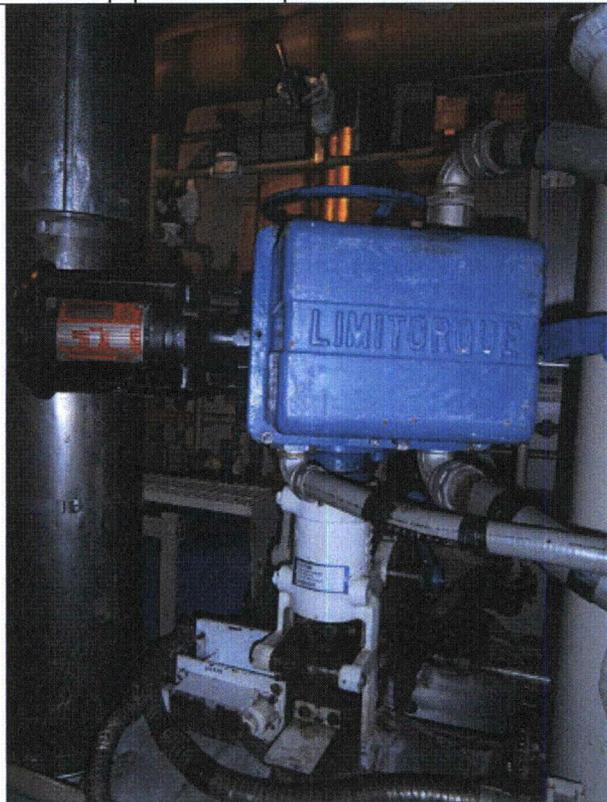
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-506

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

Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND



P9191323



P9191324

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RC

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

Equipment Description: REACTOR CONTROL RODS CONTROL PANEL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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
SQUG 2-RC REV0

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? Not Applicable
Welded to embedded plate through shims

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

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RC

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

Equipment Description: REACTOR CONTROL RODS CONTROL PANEL

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
Check ceiling tiles - Ceiling tiles OK per DWG 12-4070

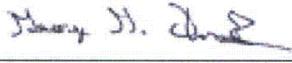
9. Do attached lines have adequate flexibility to avoid damage? Yes

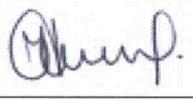
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RC

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

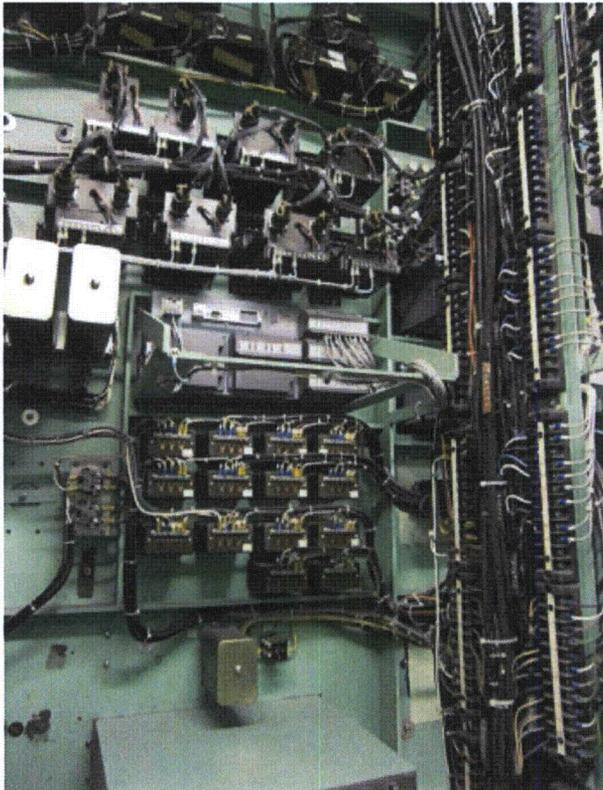
Equipment Description: REACTOR CONTROL RODS CONTROL PANEL



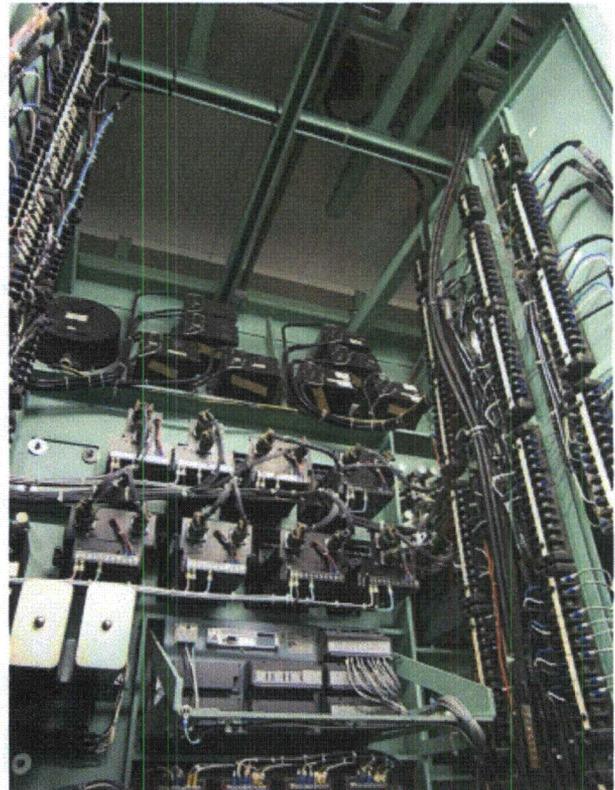
P9181062



P9181063



P9181064



P9181065

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RC

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

Equipment Description: REACTOR CONTROL RODS CONTROL PANEL



P9181066

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPS-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'
CABINET

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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? Not Applicable
Welded to embedded plate

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPS-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets
REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'

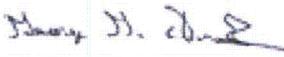
Equipment Description: CABINET

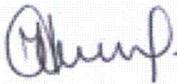
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Check ceiling tiles - Ceiling tiles OK per DWG 12-4070
9. Do attached lines have 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
Loose internal nut at top right side of 2-RPS-B (Output bay) - will not result in adverse condition but should be looked at. Internal - 2-RPS-B (logic cabinet) - 2nd from top 15-48V DC power supply - screw head missing - would not affect seismic performance of component

Comments

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPS-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets
REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'

Equipment Description: CABINET



P9181123



P9181124



P9181125



P9181126

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPS-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets
REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'

Equipment Description: CABINET



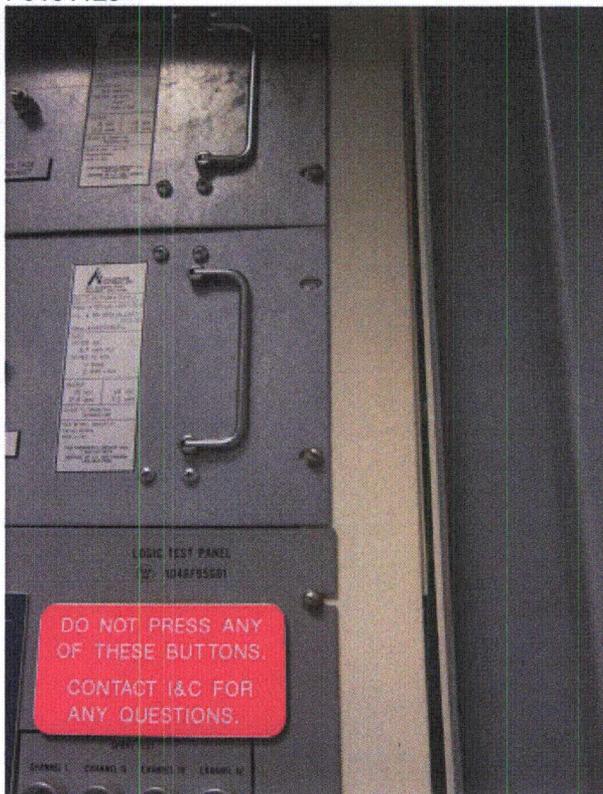
P9181127



P9181128



P9181129



P9181130

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPS-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets
REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'

Equipment Description: CABINET



P9181131

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPST-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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
NEED DOCUMENTS

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? Not Applicable
Welded to embedded plate

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.) No
SQUG documents identify 2-RPST-B but label it as 2-RPSX-B. AR 2012-12911 and AR 2012-12913 were issued to address documentation discrepancies found.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? No

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPST-B

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

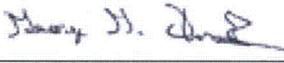
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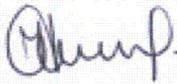
- | | |
|--|-----|
| 7. Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?
<i>Check ceiling tiles - Ceiling tiles OK per DWG 12-4070</i> | 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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

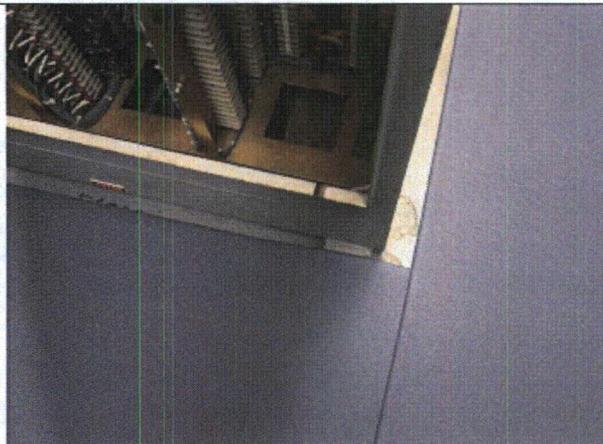
Equipment ID No.: 2-RPST-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION



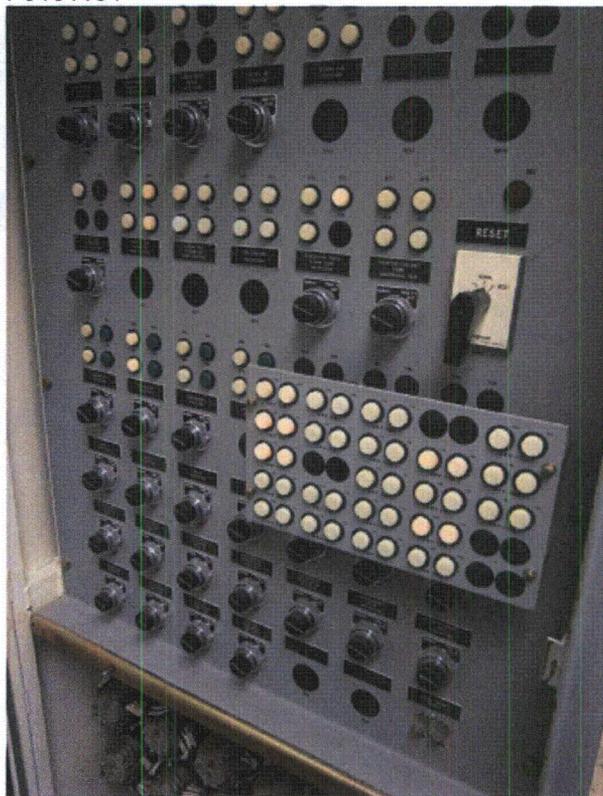
P9181133



P9181134



P9181135



P9181136

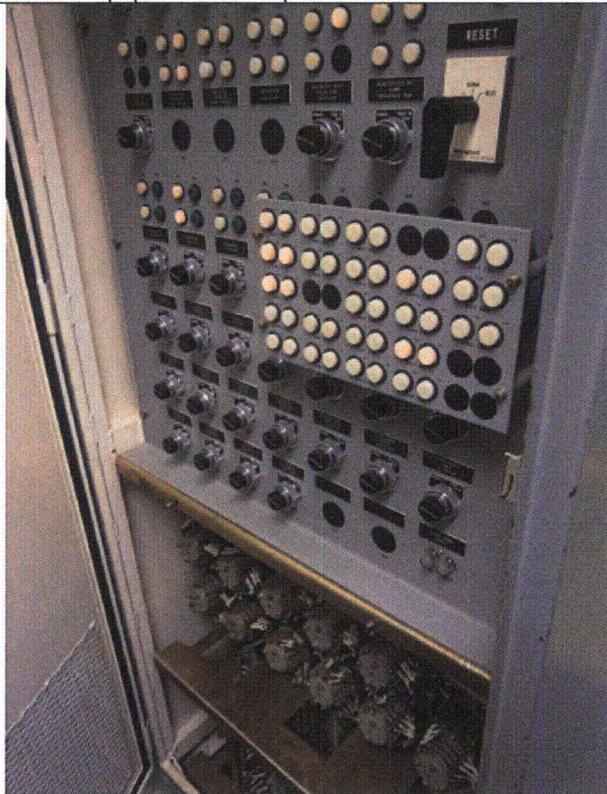
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPST-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION



P9181137



P9181138



P9181139

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPSX-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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
SQUG 2-RPSX-B REV0

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? Not Applicable
Panel welded to shim plates welded to embedded plates

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.) No
Documents identify 2-RPST-B but label it as 2-RPSX-B. AR 2012-12911 and AR 2012-12913 were issued to address documentation issue.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? No

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPSX-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

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
Check ceiling tiles - Ceiling tiles OK per DWG 12-4070

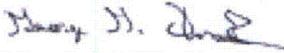
9. Do attached lines have adequate flexibility to avoid damage? Yes

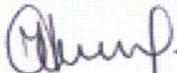
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

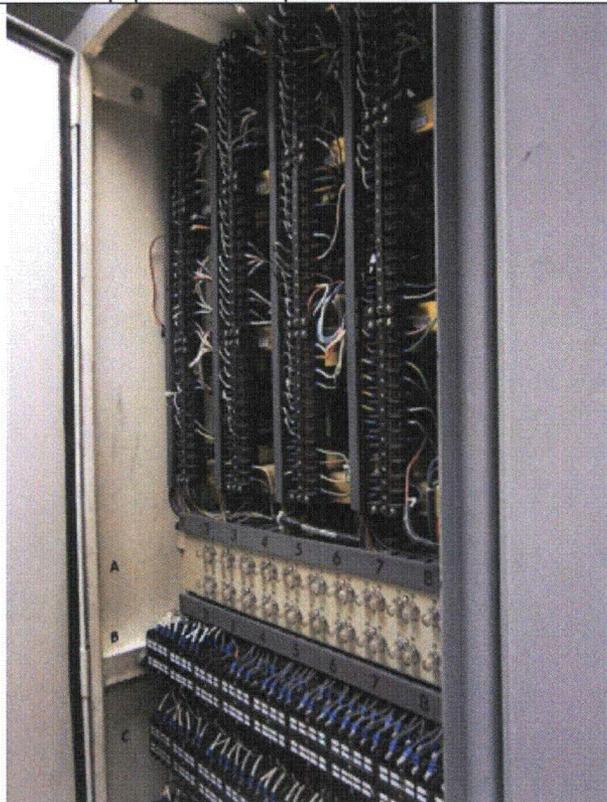
Status: Y N U

Seismic Walkdown Checklist (SWC)

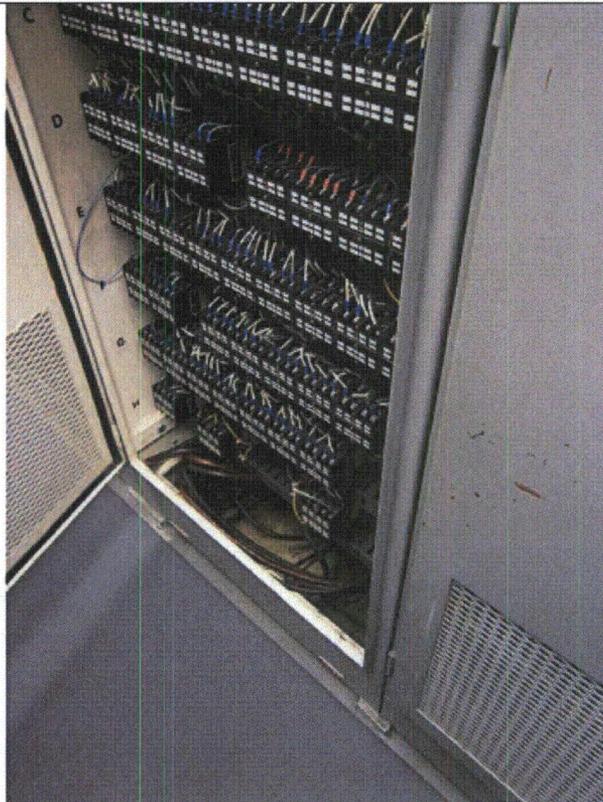
Equipment ID No.: 2-RPSX-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION



P9181141



P9181142



P9181143



P9181144

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPSX-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION



P9181145



P9181146



P9181147

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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
Cannot see all welds on back because of wires in the way

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? Not Applicable
Welded to embedded plates

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL

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
Check ceiling tiles - Ceiling tiles OK per DWG 12-4070

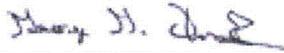
9. Do attached lines have adequate flexibility to avoid damage? Yes

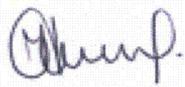
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



P9181068



P9181069



P9181070



P9181071

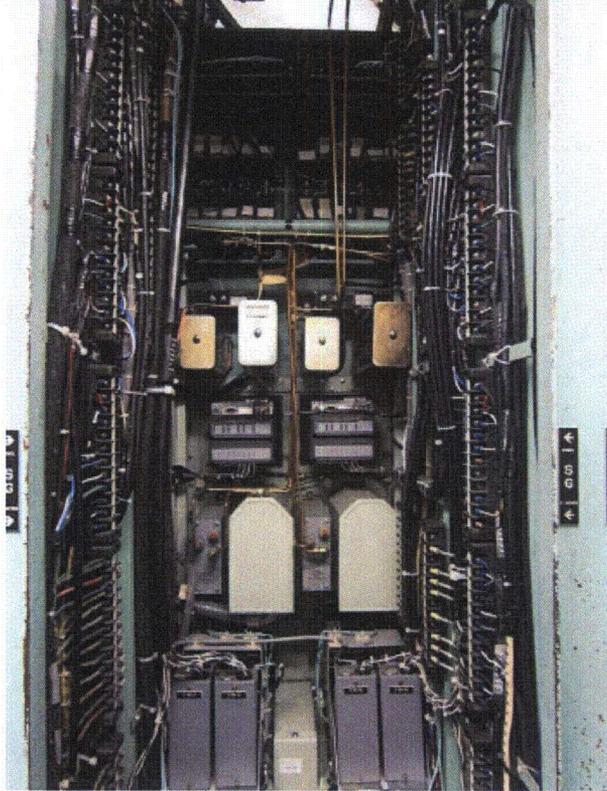
Status: Y N U

Seismic Walkdown Checklist (SWC)

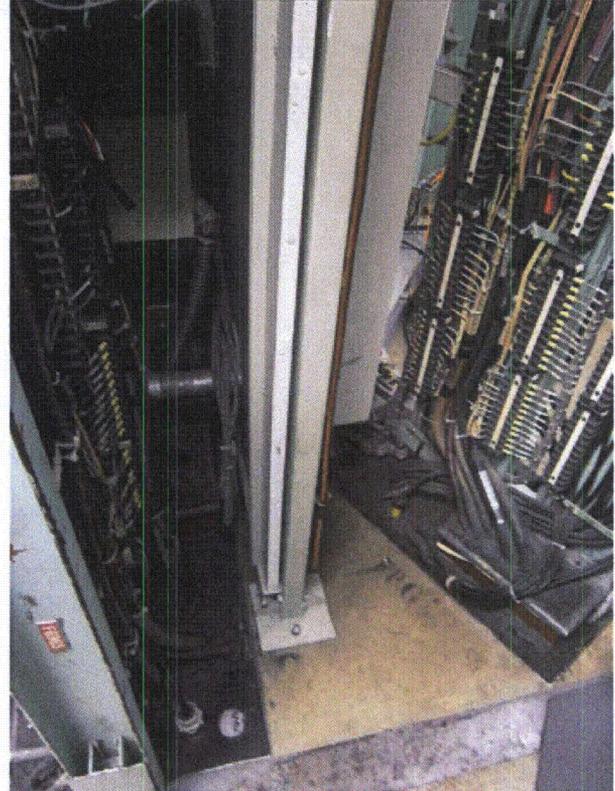
Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



P9181072



P9181073

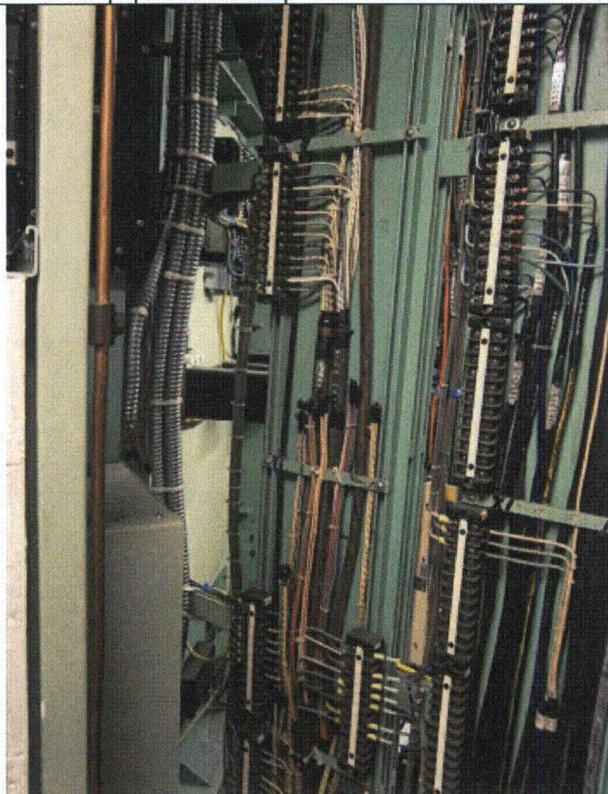
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



P9181074



P9181075

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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?
<i>Welded to embedded plate</i> | 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 |

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL

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
Check ceiling tiles - Ceiling tiles OK per DWG 12-4070

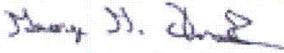
9. Do attached lines have adequate flexibility to avoid damage? Yes

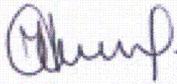
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



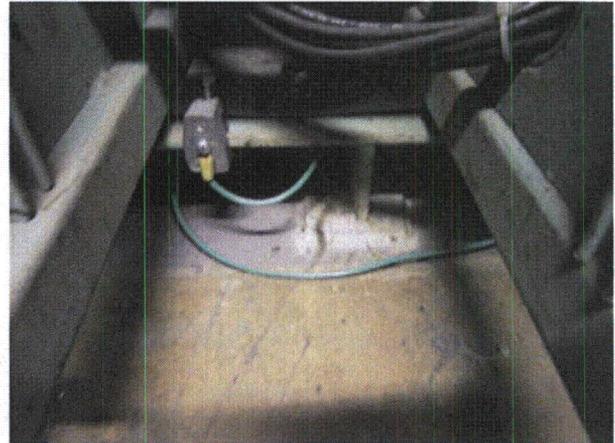
P9181041



P9181042



P9181043



P9181044

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



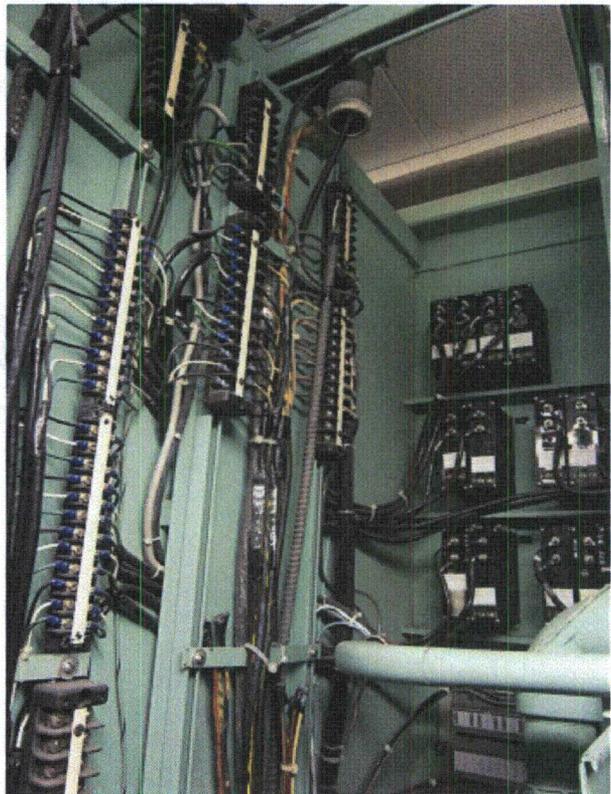
P9181045



P9181046



P9181047



P9181048

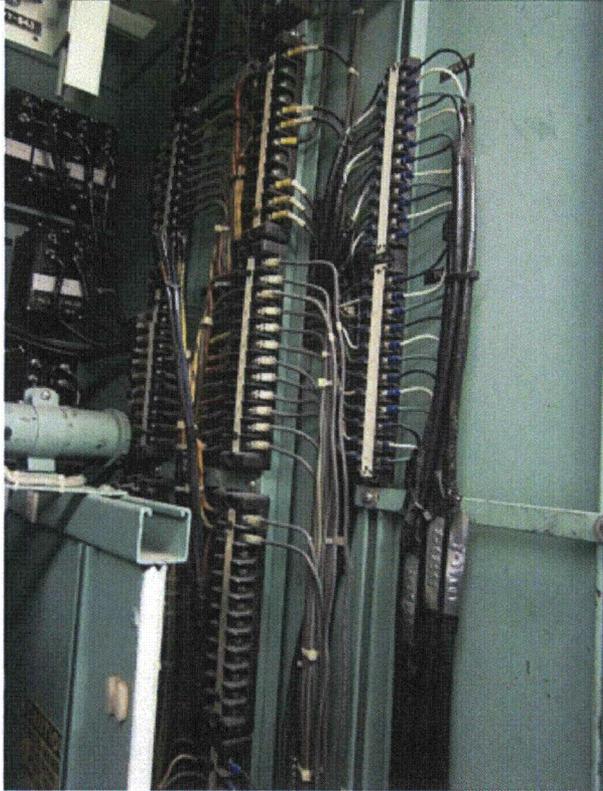
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



P9181049



P9181050

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



P9181051

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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

Equipment Description: CONTAINMENT SPRAY CONTROL PANEL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123

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)?
<i>SQUG 2-SPY REV0</i> | 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?
<i>Welded to embedded plate with shims</i> | 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.) | Yes |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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

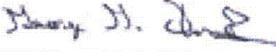
Equipment Description: CONTAINMENT SPRAY CONTROL PANEL

- | | | |
|-----|---|-----|
| 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?
<i>Ceiling tiles - possibly metal - resolution of ceiling tile clips/snaps - Ceiling tiles OK per DWG 12-4070 - Fire extinguisher hook OK</i> | 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:	<u></u> George G Thomas	Date: <u>10/18/12</u>
	<u></u> Neda Stoeva	<u>10/18/12</u>

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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

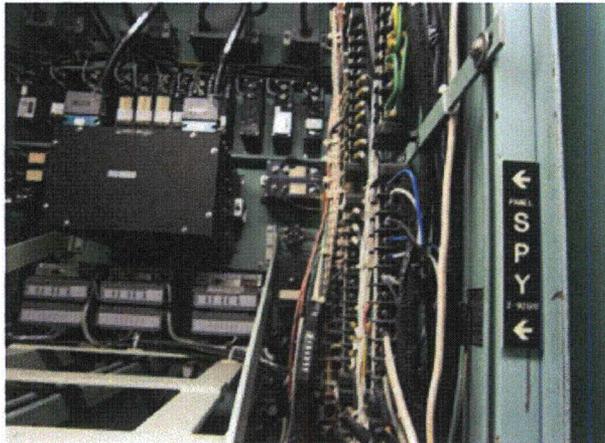
Equipment Description: CONTAINMENT SPRAY CONTROL PANEL



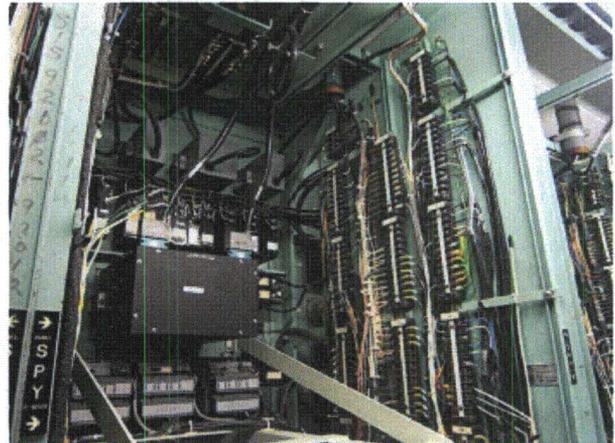
P9181020



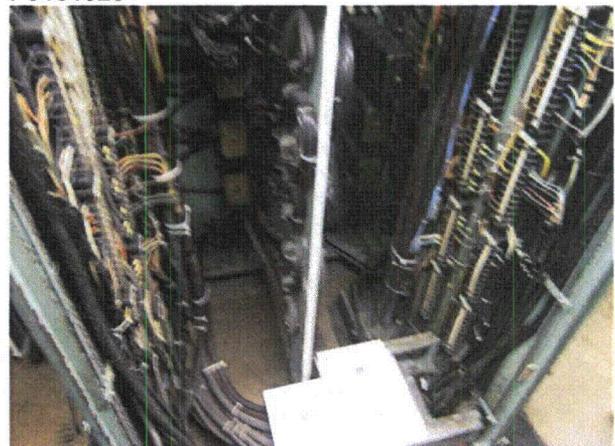
P9181021



P9181022



P9181023



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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

Equipment Description: CONTAINMENT SPRAY CONTROL PANEL

P9181024

P9181025



P9181026

P9181027



P9181028

P9181029

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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

Equipment Description: CONTAINMENT SPRAY CONTROL PANEL



P9181030



P9181031



P9181032



P9181033

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 140

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.)
<i>Can only look at one breaker, 2nd from left T21A2 - of 12 components</i> | Unknown |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?
<i>Could not open back to see anchorage on drawings. Verifird 2 puddle welds in front corners of T21A2.</i> | Unknown |

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

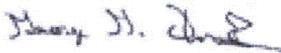
Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W

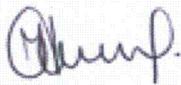
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based 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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

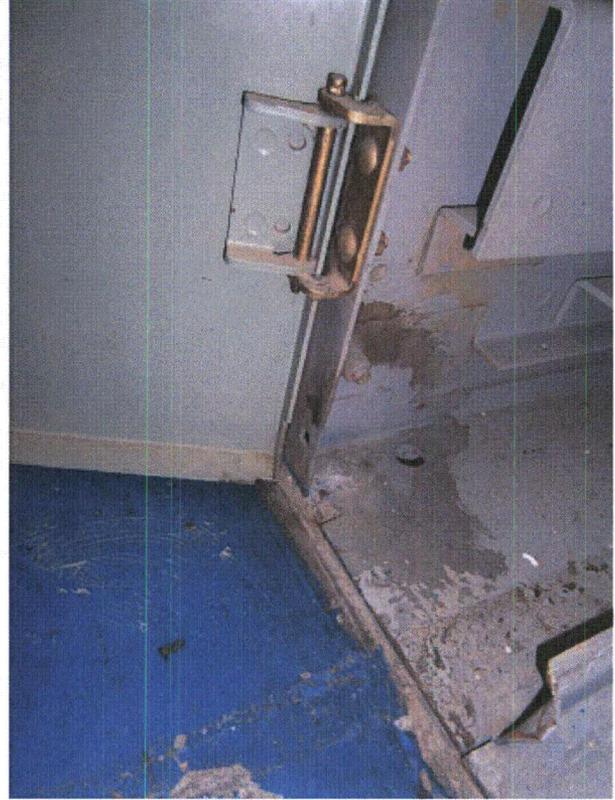
Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W



P9120163



P9120164

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W



P9120165



P9120166

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W



P9120167



P9120168

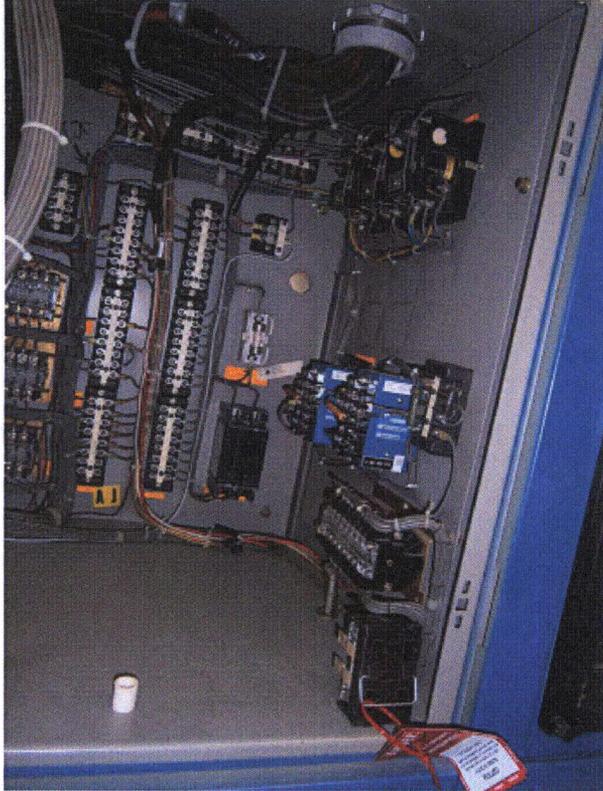
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W



P9120169



P9120170

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-TDAB

Equipment Class: (14) Distribution Panels

Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 200

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)?
<i>CANNOT OPEN - CAN'T SEE ANCHORAGE</i> | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Unknown |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Unknown |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Unknown |
| 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.)
<i>CANNOT VERIFY - CANNOT OPEN - CAN'T SEE ANCHORAGE</i> | Unknown |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Unknown |

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-TDAB

Equipment Class: (14) Distribution Panels

Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET

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

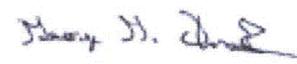
9. Do attached lines have adequate flexibility to avoid damage? Yes

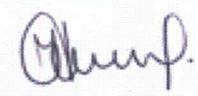
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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
CANNOT OPEN

Comments

Evaluated by:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-TDAB

Equipment Class: (14) Distribution Panels

Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET



P9170857



P9170858

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-704

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

Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP PP-7W DISCH S/O

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): SH2, 591.00 ft, 136

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 |

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-704

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

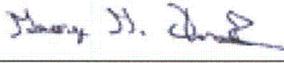
Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP PP-7W DISCH S/O

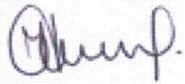
- | | |
|---|-----|
| 7. Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. Do attached lines have adequate flexibility 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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-704

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

Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP PP-7W DISCH S/O



P9090055



P9090056

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-716

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

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 633

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-716

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

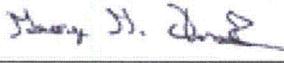
Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL

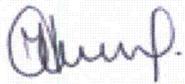
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Lights on stand by valve can tip - moved on the spot by personnel, but would not have been damaging anyway
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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-716

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

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL



P9100100



P9100101



P9100102



P9100103

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-718

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

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 609

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-718

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

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL

7. Are soft targets free from impact by nearby equipment or structures? No

Fire extinguishers by 2-WMO-718 on short hooks - AR 2012-11669 was issued.

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

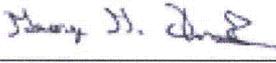
9. Do attached lines have adequate flexibility to avoid damage? Yes

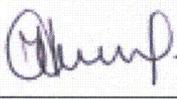
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? No

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

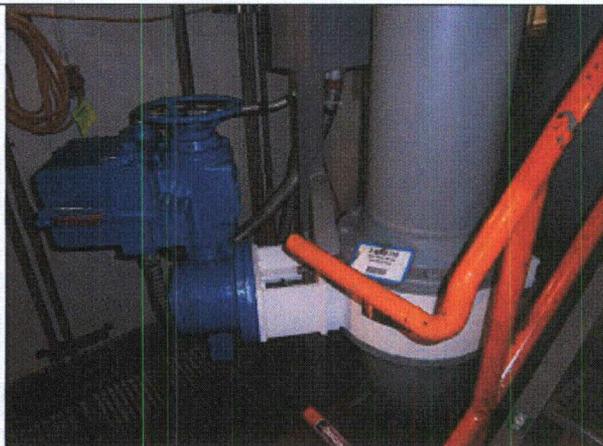
Equipment ID No.: 2-WMO-718

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

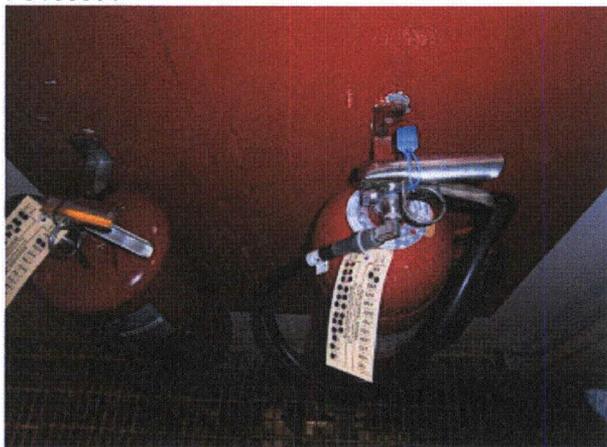
Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL



P9100091



P9100092



P9100093

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-744

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

Equipment Description: ESSENTIAL SERVICE WATER TO WEST MOTOR DRIVEN

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): TB2, 591.00 ft, 51

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-744

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

Equipment Description: ESSENTIAL SERVICE WATER TO WEST MOTOR DRIVEN

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

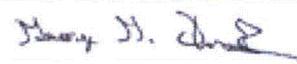
9. Do attached lines have adequate flexibility to avoid damage? Yes

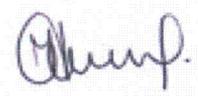
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-744

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

Equipment Description: ESSENTIAL SERVICE WATER TO WEST MOTOR DRIVEN



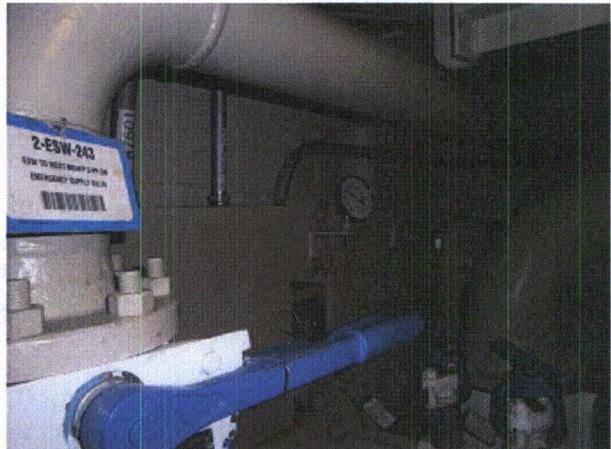
P9191352



P9191353



P9191354



P9191355

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-753

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

Equipment Description: EMERGENCY ESSENTIAL SERVICE WATER SUPPLY TO TDAFP

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): TB2, 591.00 ft, 49

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-753

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

Equipment Description: EMERGENCY ESSENTIAL SERVICE WATER SUPPLY TO TDAFP

7. Are soft targets free from impact by nearby equipment or structures? No

Support (unistrut abovevalve) very shaky, not well anchored - removed from the wall at top side. Unistrut not attached at top end of support. - AR 2012-11936 was issued.

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

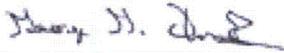
9. Do attached lines have adequate flexibility to avoid damage? Yes

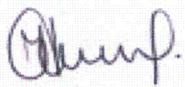
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? No

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:  George G Thomas Date: 10/18/12

 Neda Stoeva 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-753

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

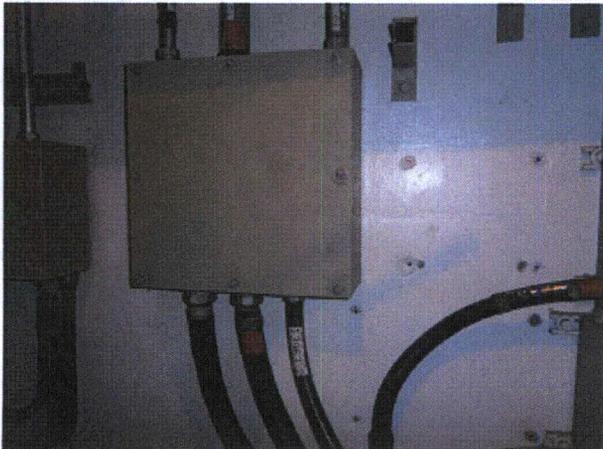
Equipment Description: EMERGENCY ESSENTIAL SERVICE WATER SUPPLY TO TDAFP



P9191316



P9191317



P9191318



P9191319

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): SH2, 591.00 ft, 135

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
Bolts look to be 3/8" - 4 on each plate at bottom, 1 on each side on top.

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
Top right bolt has a larger hole in concrete, bu instrument rack OK on rest of supports.

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
AR #2012-11301 written to correct plant documentation that was not consistent with installation

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

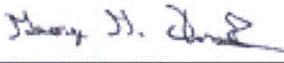
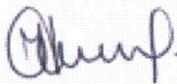
Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES

- | | |
|---|-----|
| 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:	<u></u>	George G Thomas	Date:	<u>10/18/12</u>
	<u></u>	Neda Stoeva		<u>10/18/12</u>

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES



P9090084



P9090085



P9090086



P9090087

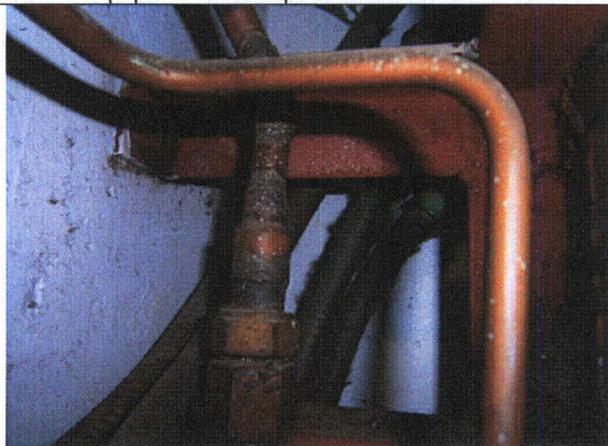
Status: Y N U

Seismic Walkdown Checklist (SWC)

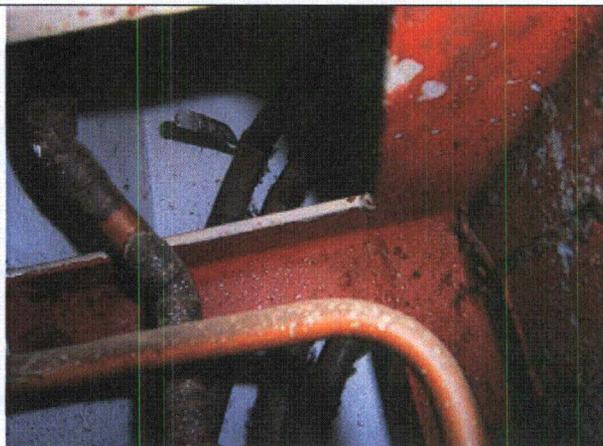
Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES



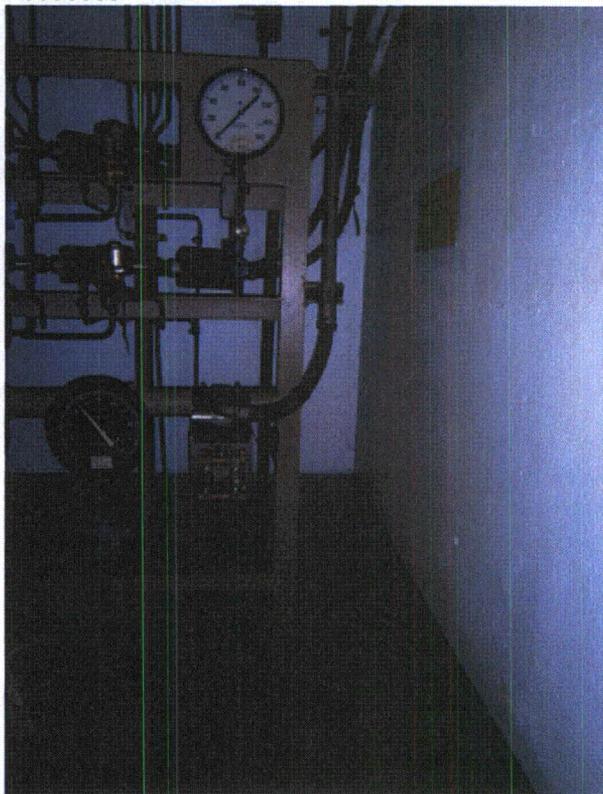
P9090088



P9090089



P9090090



P9090091

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES



P9090092



P9090093

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WRV-768

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/O

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): SH2, 591.00 ft, 135

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

Interaction Effects

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WRV-768

Equipment Class: (7) Fluid-Operated Valves

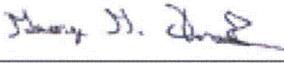
Equipment Description: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/O

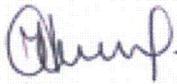
- | | |
|---|-----|
| 7. Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. Do attached lines have adequate flexibility 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:  George G Thomas Date: 10/18/12

 Neda Stoeva Date: 10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WRV-768

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/O



P9090095



P9090096