

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: ER18A

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

Equipment Description: CORE SPRAY/AUTO DEPRESS'N SYSTEM RELAY LOGIC PANEL

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 12

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
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.: ER18A

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

Equipment Description: CORE SPRAY/AUTO DEPRESS'N SYSTEM RELAY LOGIC PANEL

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

See Seismic Qualification SQ-OC-ER-18A Rev 1

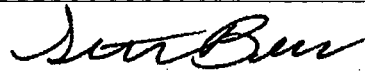
Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: ER18A

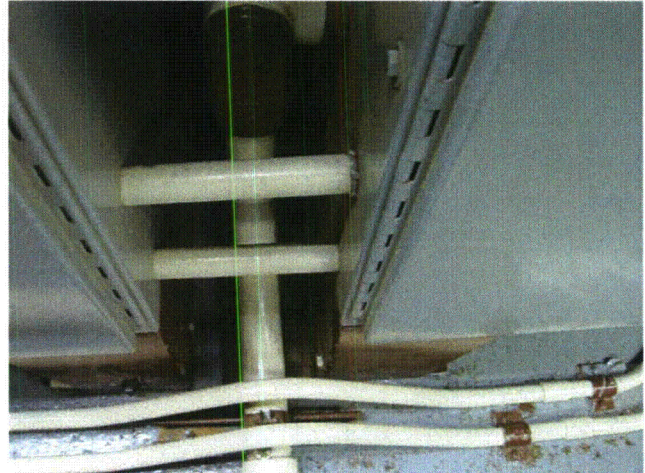
Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: CORE SPRAY/AUTO DEPRESS'N SYSTEM RELAY LOGIC PANEL

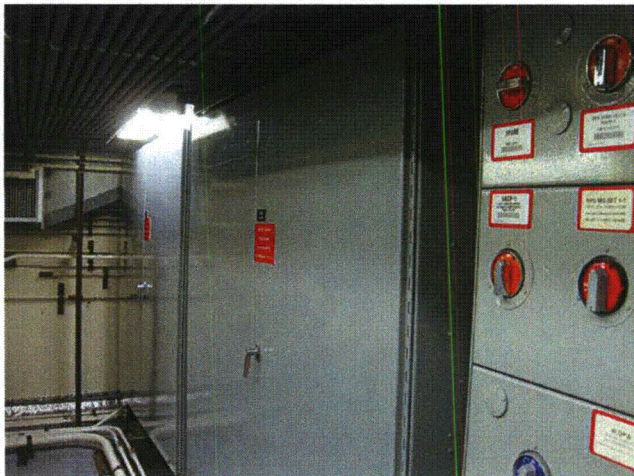
Photos



MG_0907



MG_0908



MG_0910

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-56-4

Equipment Class: (9) Fans

Equipment Description: "A" 480 SWGR RM SUPPLY FAN

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 14

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

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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

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-56-4

Equipment Class: (9) Fans

Equipment Description: "A" 480 SWGR RM SUPPLY FAN

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

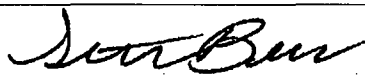
See SQ-OC-FN-56-0004 Rev 00

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

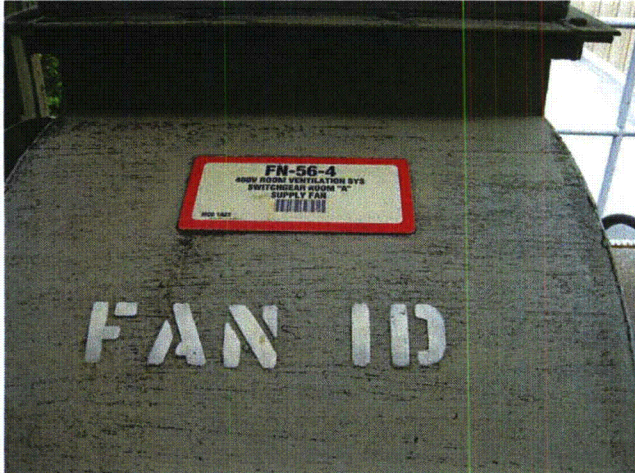
Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-56-4

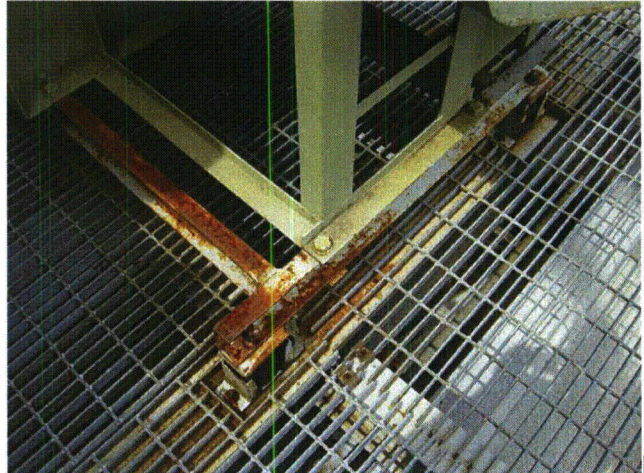
Equipment Class: (9) Fans

Equipment Description: "A" 480 SWGR RM SUPPLY FAN

Photos



MG_0981



MG_0982

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-1

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 16

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

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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

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-1

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

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

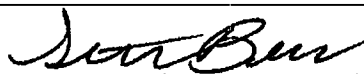
See SQ-OC-ER-732-092 Rev 00

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-1

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Photo



IMG_1001

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-2

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 16

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
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.: FN-732-2

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

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

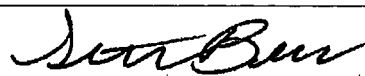
See SQ-OC-ER-732-092 Rev 00

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

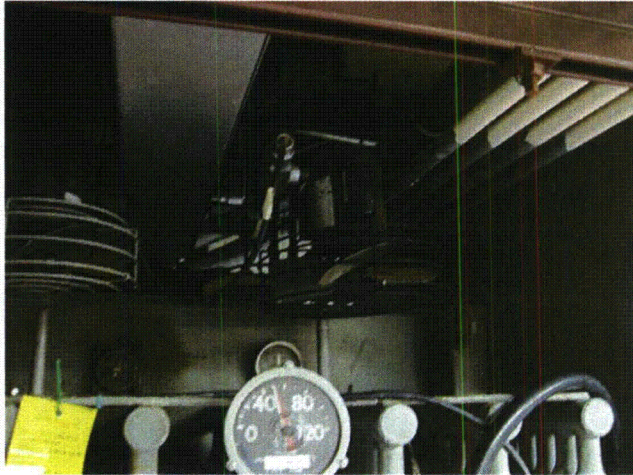
Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-2

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Photo



IMG_1002

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-3

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 16

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
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.: FN-732-3

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

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

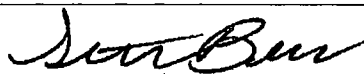
See SQ-OC-ER-732-092 Rev 00

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

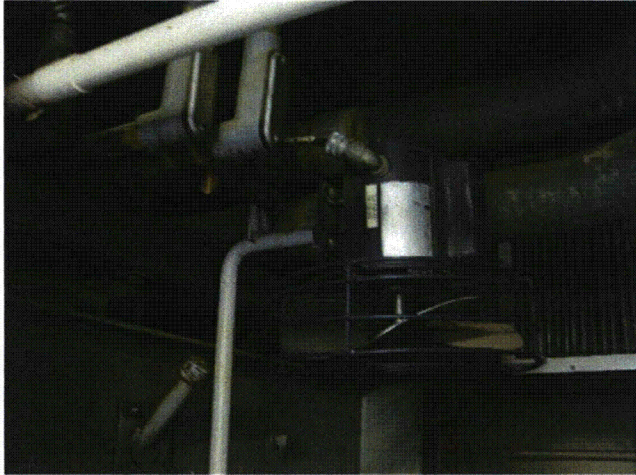
Seismic Walkdown Checklist (SWC)

Equipment ID No.: FN-732-3

Equipment Class: (9) Fans

Equipment Description: USS 1A2-460V TRANSFORMER COOLING FAN

Photo



IMG_1005

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: H-18-1C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AUGMENTED SPENT FUEL POOL HEAT EXCHANGER(NN02-C)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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
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.: H-18-1C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AUGMENTED SPENT FUEL POOL HEAT EXCHANGER(NN02-C)

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

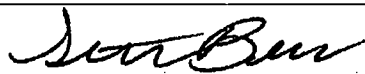
See Augmented Spent Fuel Pool Cooling System Qualification. C-1302-251-5320-009, Dated 6/11/1984.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: H-18-1C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AUGMENTED SPENT FUEL POOL HEAT EXCHANGER(NN02-C)

Photos



MG_1246



MG_1247



MG_1248

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: H-21-1A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CONTAINMENT SPRAY SYS HEAT EXCHANGER 1-1

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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

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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

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: H-21-1A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CONTAINMENT SPRAY SYS HEAT EXCHANGER 1-1

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

Supports are consistent with Calculation C-1302-241-E310-107 Rev 0

Surface Oxidation on Bolts at the Base Plates. The degraded bolts had previously been identified in 2000 and is being tracked by IR 1403183. Gusset plates were added to the Heat Exchanger base to make up for the deficient bolts. The gusset plate modifications are detailed in Calculation C-1302-241-E310-107 Rev 0
Movable security barrier adjacent to the Heat Exchanger is chained to the column and chalked.

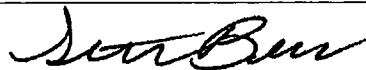
See Seismic Qualification SQ-OC-H-21-001A Rev 0

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: H-21-1A

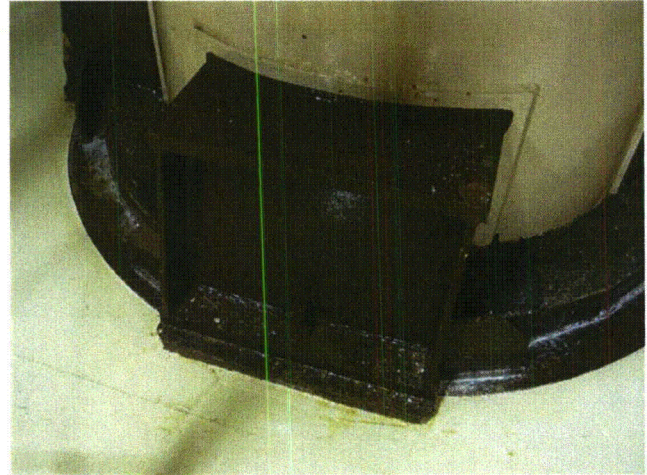
Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: CONTAINMENT SPRAY SYS HEAT EXCHANGER 1-1

Photos



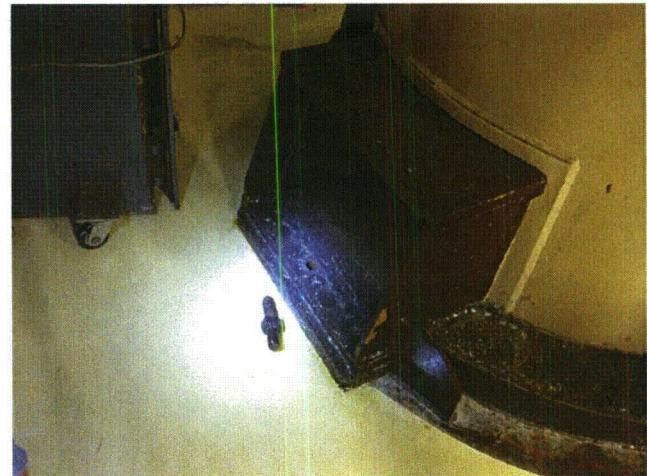
MG_0704



MG_0706



MG_0711



MG_0720

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: IP-4

Equipment Class: (14) Distribution Panels

Equipment Description: 120VAC INSTRUMENT PANEL 4 - 208/120V,3PH,4W

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 12

Manufacturer/Model:

Instructions for Completing Checklist

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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

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: IP-4

Equipment Class: (14) Distribution Panels

Equipment Description: 120VAC INSTRUMENT PANEL 4 - 208/120V,3PH,4W

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

See Seismic Qualification SQ-OC-IP-4, Rev 000

Verification of anchorage by feeling bolts in Unistrut

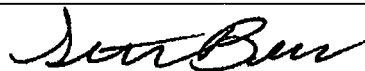
Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

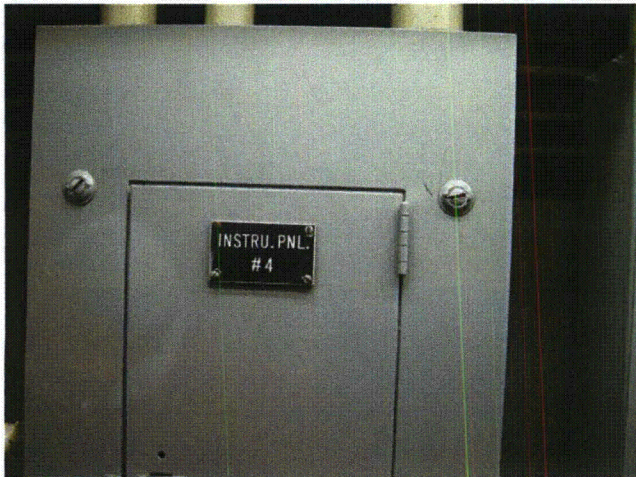
Seismic Walkdown Checklist (SWC)

Equipment ID No.: IP-4

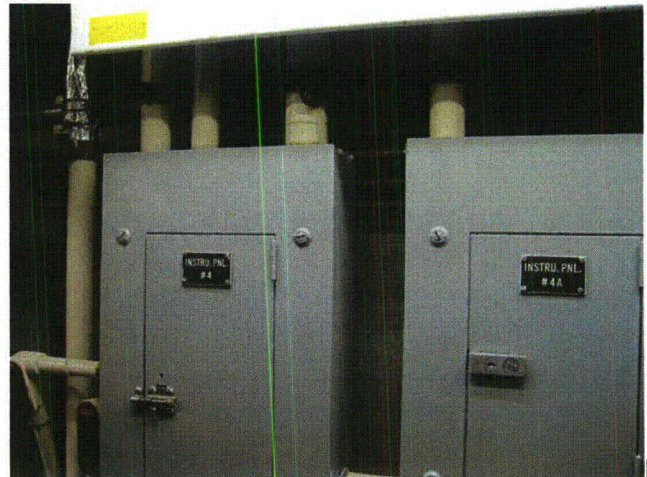
Equipment Class: (14) Distribution Panels

Equipment Description: 120VAC INSTRUMENT PANEL 4 - 208/120V,3PH,4W

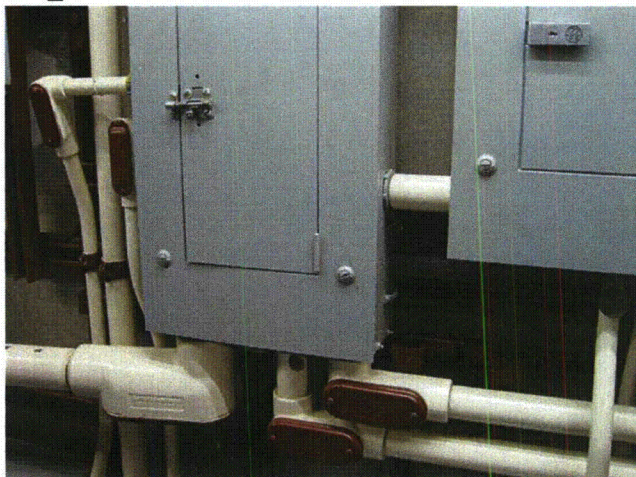
Photos



MG_0883



MG_0884



MG_0885

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: IP-4

Equipment Class: (14) Distribution Panels

Equipment Description: 120VAC INSTRUMENT PANEL 4 - 208/120V,3PH,4W

SQUG SEWS

EBASCO SERVICES INCORPORATED

Two World Trade Center, New York, N.Y. 10048

EBASCO

April 29, 1981

GPU Services Incorporated
Attention: Mr. Leon Caribbean
100 Interpace Parkway
Parsippany, NJ 07054

Dear Leon:

Re: OYSTER CREEK NUCLEAR STATION
FINAL SUBMITTAL OF MASONRY WALL
EVALUATION CALCULATION BOOKS

I am sending to you, together with this letter, 20 volumes of calculation books and 11 volumes of computer output. This will mark the end of our involvement for the re-evaluation of the Safety-Related Concrete Masonry Walls as required by NRC IE Bulletin 80-11.

Should you have any questions regarding the calculations and sketches, please do not hesitate to call. We will be glad to help.

Very truly yours,

E. Odar
E Odar
Assistant Chief Civil Engineer

GW:d1

cc: K D Chiu
G Wu

C1302X322CA06 VOL 1, 19810427, REEVALUATION OF CONCRETE MASONRY WALL NRC IE BULLETIN 80-11 GENERAL

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: IT-4A

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER FROM MCC 1A2-460V TO IP-4

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 12

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
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.: IT-4A

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER FROM MCC 1A2-460V TO IP-4

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

See Seismic Qualification SQ-OC-IT-4A Rev 0

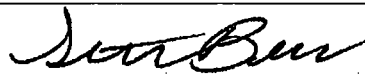
Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

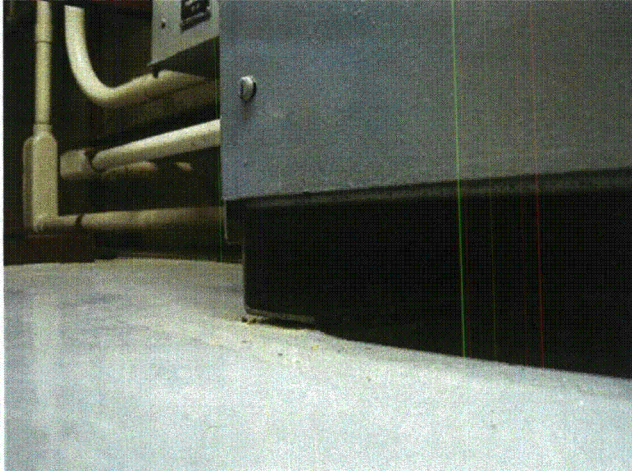
Seismic Walkdown Checklist (SWC)

Equipment ID No.: IT-4A

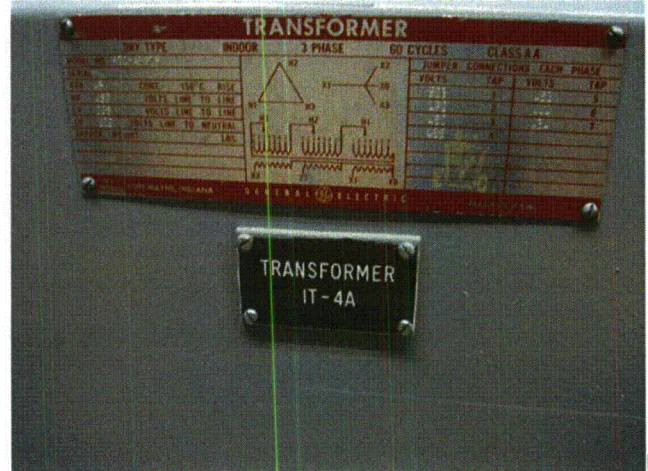
Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER FROM MCC 1A2-460V TO IP-4

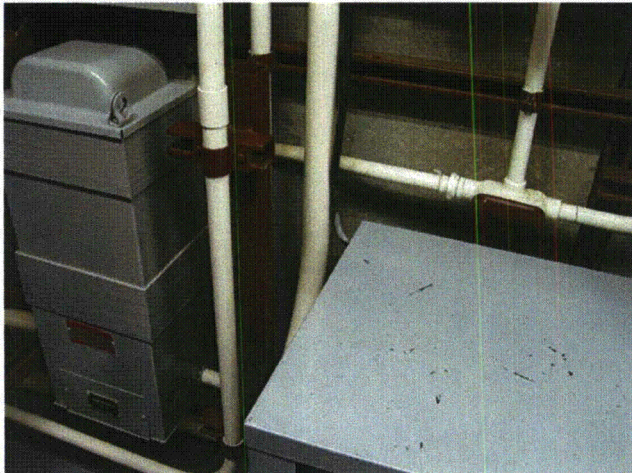
Photos



MG_0888



MG_0891



MG_0893

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: IT-4A

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER FROM MCC 1A2-460V TO IP-4

SQUG SEW

EBASCO SERVICES INCORPORATED

Two World Trade Center, New York, N.Y. 10048

EBASCO

April 29, 1981

GPU Services Incorporated
Attention: Mr. Leon Garibian
100 Interpace Parkway
Parsippany, NJ 07054

Dear Leon:

Re: OYSTER CREEK NUCLEAR STATION
FINAL SUBMITTAL OF MASONRY WALL
EVALUATION CALCULATION BOOKS

I am sending to you, together with this letter, 20 volumes of calculation books and 11 volumes of computer output. This will mark the end of our involvement for the re-evaluation of the Safety-Related Concrete Masonry Walls as required by NRC IE Bulletin 80-11.

Should you have any questions regarding the calculations and sketches, please do not hesitate to call. We will be glad to help.

Very truly yours,

E Odar
E Odar
Assistant Chief Civil Engineer

GW:d1

cc: K D Chiu
G Wu

C1302X322CA06 VOL 1, 19810427, REEVALUATION OF CONCRETE MASONRY WALL NRC IE BULLETIN 80-11 GENERAL

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LI-18-170

Equipment Class: (18) Instruments on Racks

Equipment Description: SKIMMER SURGE TANK'A'FUEL POOL LEVEL INDICATOR

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 119.00 ft, 20

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.: LI-18-170

Equipment Class: (18) Instruments on Racks

Equipment Description: SKIMMER SURGE TANK'A'FUEL POOL LEVEL INDICATOR

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

In-Line/Free Standing

See VM-OC-0157 Rev 4

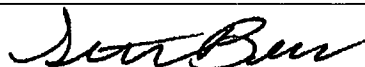
Dresser Part Number 60-1379AS-02I 15

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

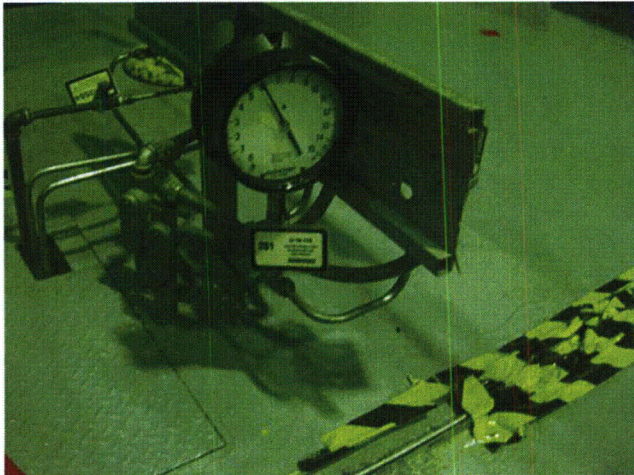
Seismic Walkdown Checklist (SWC)

Equipment ID No.: LI-18-170

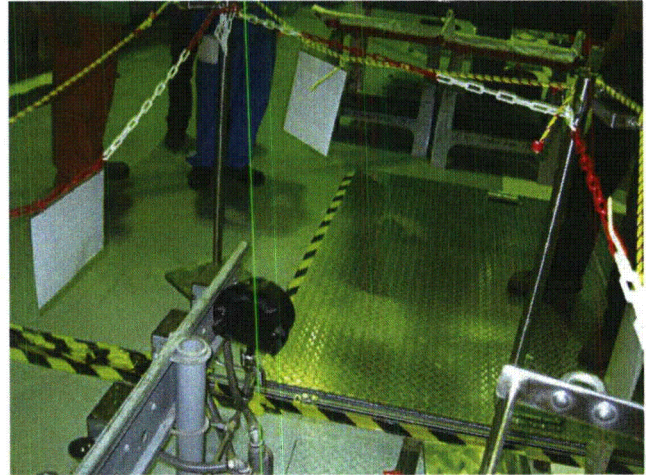
Equipment Class: (18) Instruments on Racks

Equipment Description: SKIMMER SURGE TANK'A'FUEL POOL LEVEL INDICATOR

Photo



MG_1229



MG_1231

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LIS-RE0018A

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW LEVEL INDICATING SWITCH

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 15

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
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.: LIS-RE0018A

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW LEVEL INDICATING SWITCH

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

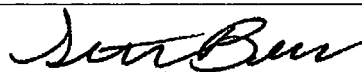
See SQ-OC-RK01 Rev 02

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LIS-RE0018C

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW LEVEL INDICATING SWITCH

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 15

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
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.: LIS-RE0018C

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW LEVEL INDICATING SWITCH

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

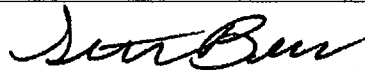
See SQ-OC-RK01 Rev 02

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-53B

Equipment Class: (18) Instruments on Racks

Equipment Description: SPENT FUEL POOL LOW WATER LEVEL SWITCH

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 119.00 ft, 20

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
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.: LS-53B

Equipment Class: (18) Instruments on Racks

Equipment Description: SPENT FUEL POOL LOW WATER LEVEL SWITCH

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

See VM-OC-5740 Rev 1

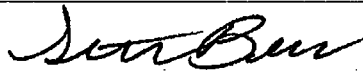
Mercoid PG-3-P1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

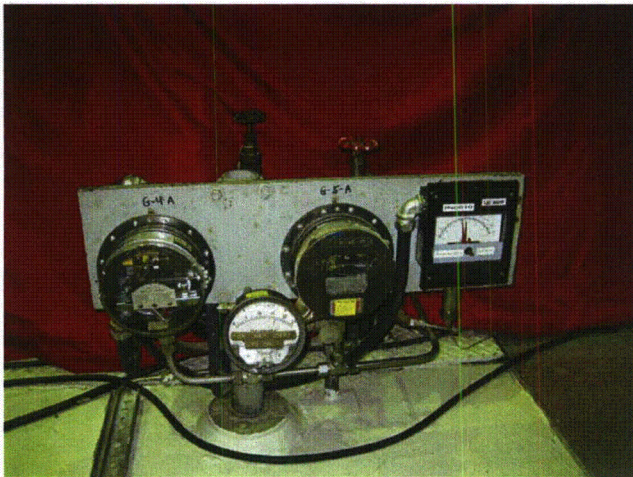
Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-53B

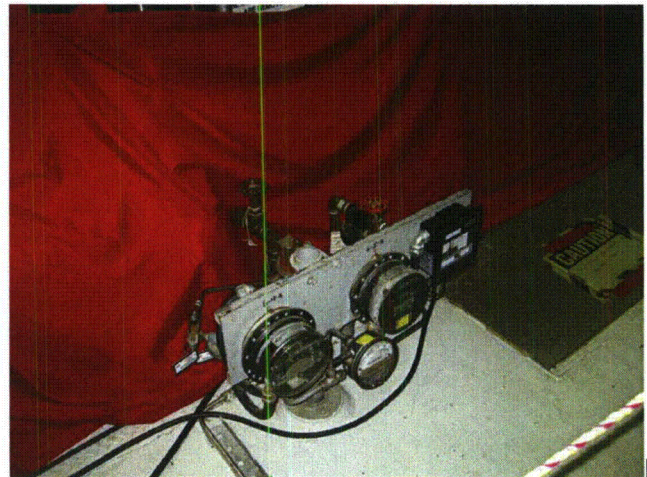
Equipment Class: (18) Instruments on Racks

Equipment Description: SPENT FUEL POOL LOW WATER LEVEL SWITCH

Photos



MG_1237



MG_1238

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-862-10B

Equipment Class: (0) Other

Equipment Description: LO-LO LEVEL (START NORMAL PUMP) ON TANK T-39-003

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: LS-862-10B

Equipment Class: (0) Other

Equipment Description: LO-LO LEVEL (START NORMAL PUMP) ON TANK T-39-003

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

See SQ-OC-M-39-001 Rev 06

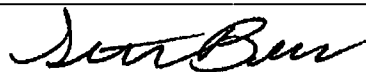
In-Line equipment

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

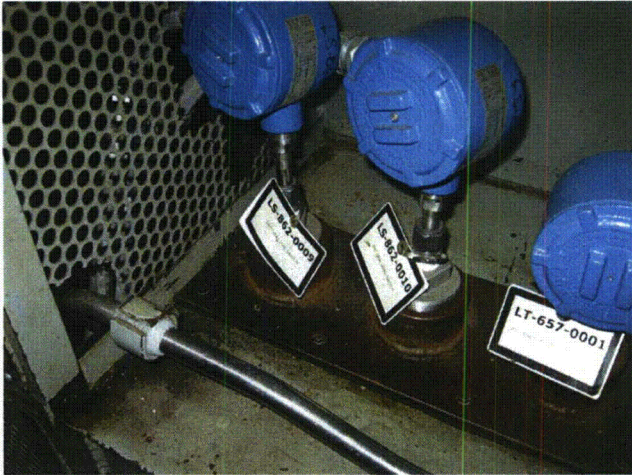
Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-862-10B

Equipment Class: (0) Other

Equipment Description: LO-LO LEVEL (START NORMAL PUMP) ON TANK T-39-003

Photo



IMG_1141

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-862-10C

Equipment Class: (0) Other

Equipment Description: HI-HI LEVEL(PUMP CUT-OFF) ON TANK T-39-003

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: LS-862-10C

Equipment Class: (0) Other

Equipment Description: HI-HI LEVEL(PUMP CUT-OFF) ON TANK T-39-003

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

See SQ-OC-M-39-001 Rev 06

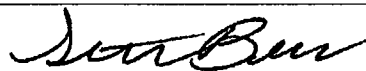
In-Line equipment

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

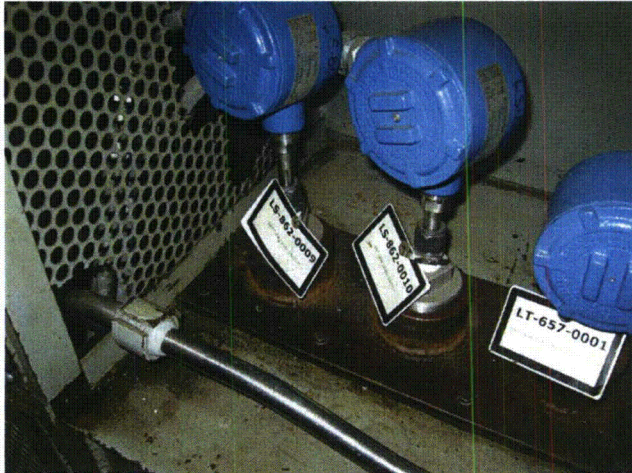
Seismic Walkdown Checklist (SWC)

Equipment ID No.: LS-862-10C

Equipment Class: (0) Other

Equipment Description: HI-HI LEVEL(PUMP CUT-OFF) ON TANK T-39-003

Photo



IMG_1141

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LSP-1A2

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

Equipment Description: LOCAL SHUTDOWN PANEL- USS 1A2 PUMP/BREAKER CONTROL

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 16

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
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.: LSP-1A2

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

Equipment Description: LOCAL SHUTDOWN PANEL- USS 1A2 PUMP/BREAKER CONTROL

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

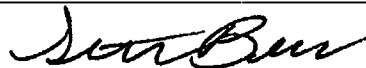
See SQ-OC-LSP-1A2 Rev 02

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

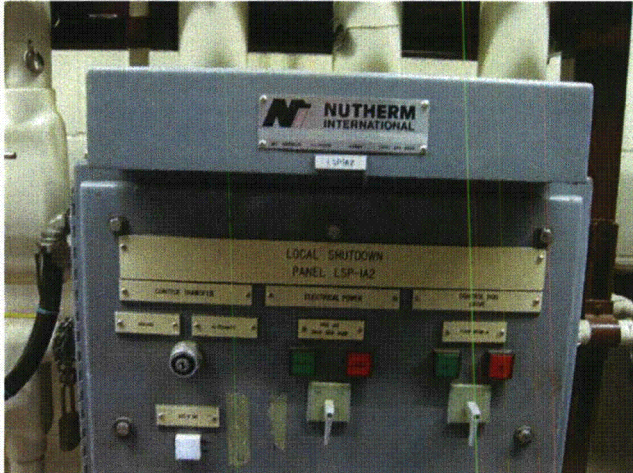
Seismic Walkdown Checklist (SWC)

Equipment ID No.: LSP-1A2

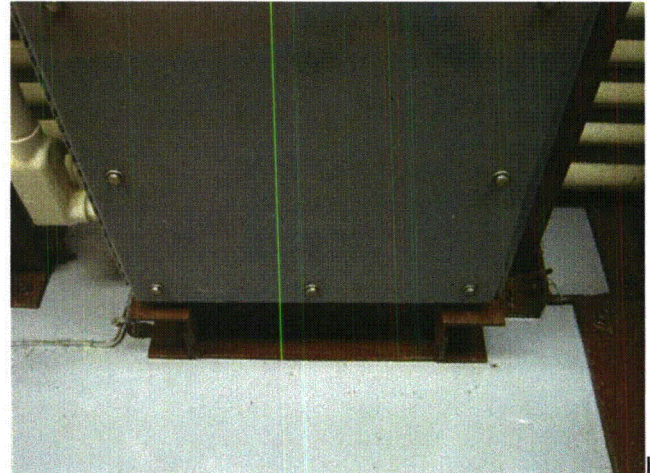
Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: LOCAL SHUTDOWN PANEL- USS 1A2 PUMP/BREAKER CONTROL

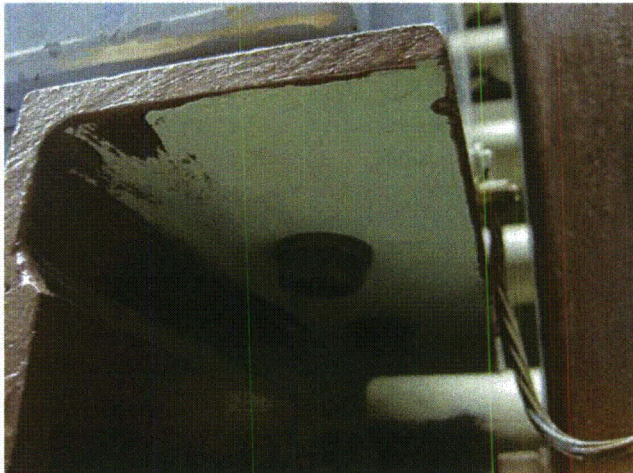
Photos



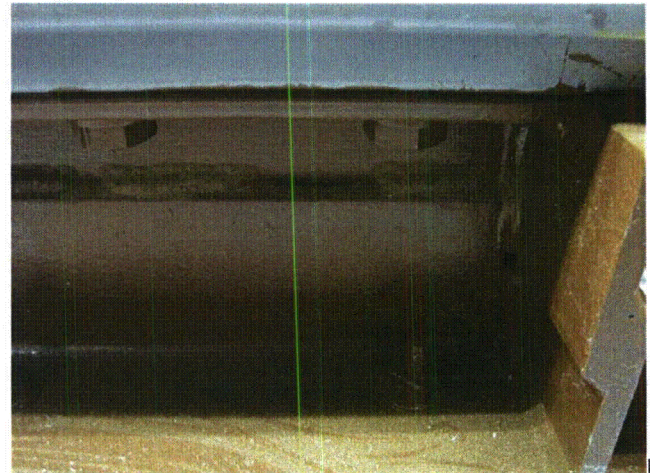
MG_1009



MG_1010



MG_1011



MG_1015

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: LT-RE0005B

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW WATER LEVEL REACTOR SCRAM

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 17

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
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.: LT-RE0005B

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR VESSEL LOW WATER LEVEL REACTOR SCRAM

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

See SQ-OC-RK02 Rev 00

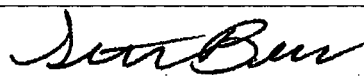
Horizontal Hairline linear indications (Cracks) on Drywell exterior behind RK02. Acceptable per review of the guidelines of ACI-349 guidelines.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: M-39-1

Equipment Class: (17) Engine-Generators

Equipment Description: EMERGENCY DIESEL GENERATOR #1

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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
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.: M-39-1

Equipment Class: (17) Engine-Generators

Equipment Description: EMERGENCY DIESEL GENERATOR #1

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

See SQ-OC-M-39-001 Rev 06

C-1302-157-5320-006, Rev. 0 qualifies the unanchored Diesels.

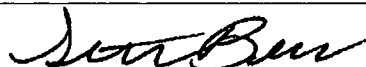
Base Corrosion is being tracked by the Plant.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: M-39-1

Equipment Class: (17) Engine-Generators

Equipment Description: EMERGENCY DIESEL GENERATOR #1

Photo



IMG_1134

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-18-1B

Equipment Class: (5) Horizontal Pumps

Equipment Description: SPENT FUEL POOL COOLING PUMP (NN01-B)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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
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.: P-18-1B

Equipment Class: (5) Horizontal Pumps

Equipment Description: SPENT FUEL POOL COOLING PUMP (NN01-B)

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

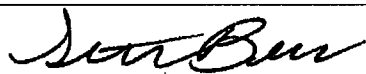
See drawing W-65107-R4

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-18-1B

Equipment Class: (5) Horizontal Pumps

Equipment Description: SPENT FUEL POOL COOLING PUMP (NN01-B)

Photo



IMG_1255

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-18-1C

Equipment Class: (5) Horizontal Pumps

Equipment Description: AUGMENTED SPENT FUEL POOL PUMP (NN01-C)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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
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.: P-18-1C

Equipment Class: (5) Horizontal Pumps

Equipment Description: AUGMENTED SPENT FUEL POOL PUMP (NN01-C)

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

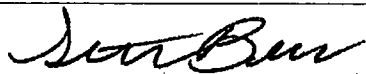
See Augmented Spent Fuel Pool Cooling System Qualification. C-1302-251-5320-008, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

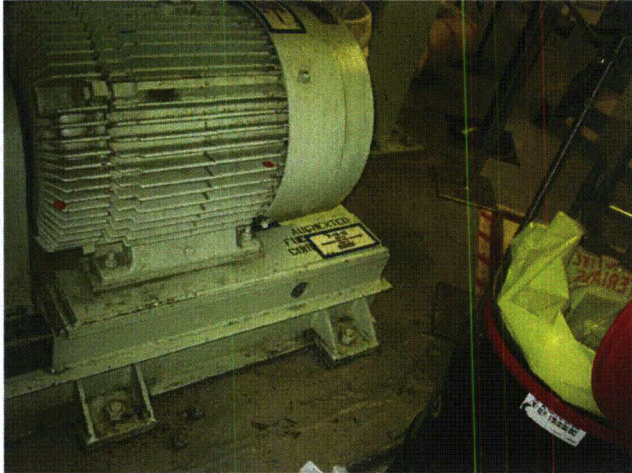
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-18-1C

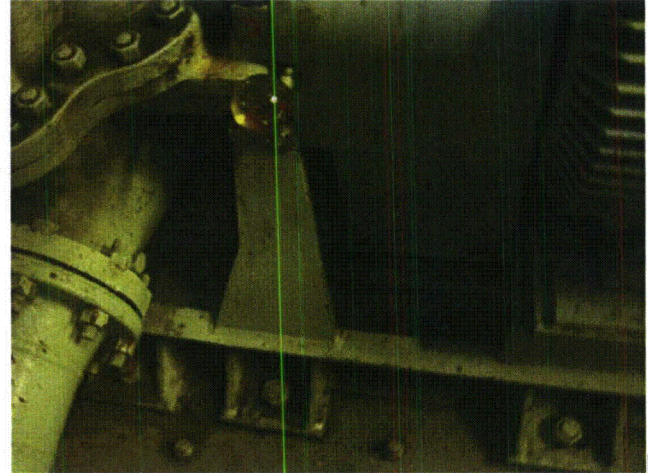
Equipment Class: (5) Horizontal Pumps

Equipment Description: AUGMENTED SPENT FUEL POOL PUMP (NN01-C)

Photos



MG_1290



MG_1291



MG_1293

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-1A

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP NZ01-A

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 19.00 ft, 18

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
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.: P-20-1A

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP NZ01-A

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

See Drawing X-8X21AL86X6-A

See Drawing 4074-5 Sheet 2

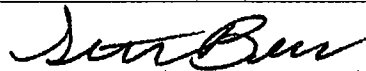
See Seismic Qualification SQ-OC-P-20-001A Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-1A

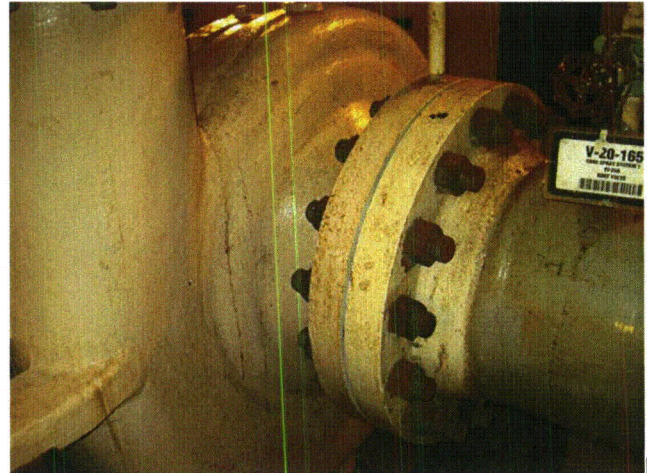
Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP NZ01-A

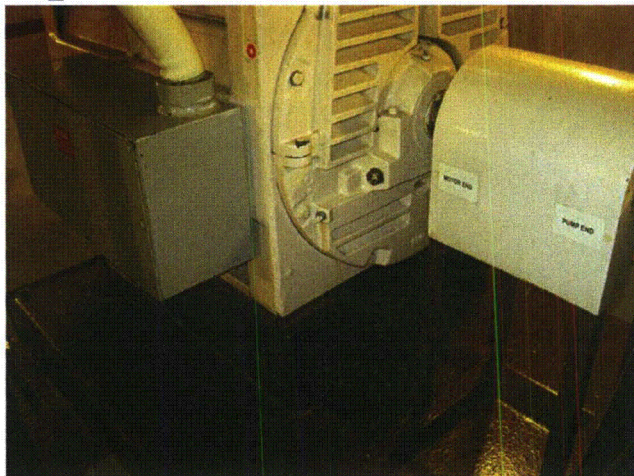
Photos



MG_1021



MG_1023



MG_1024

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-1A (NZ01A)

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP "A" - SYS. I

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 19.00 ft, 18

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
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.: P-20-1A (NZ01A)

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP "A" - SYS. I

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

See Drawing X-8X21AL86X6-A

See Drawing 4074-5 Sheet 2

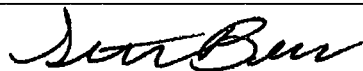
See Seismic Qualification SQ-OC-P-20-001A Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

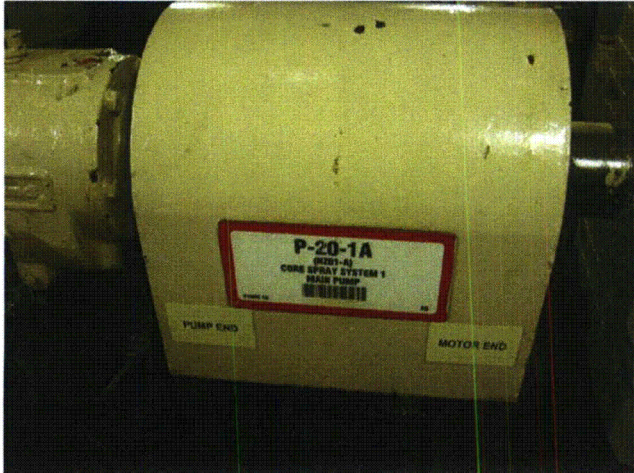
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-1A (NZ01A)

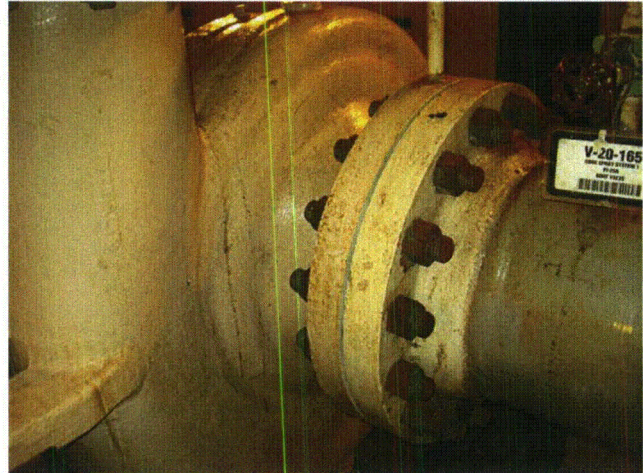
Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY PUMP "A" - SYS. I

Photos



MG_1021



MG_1023



MG_1024

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-2A

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY BOOSTER PUMP NZ03-A

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 06

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
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.: P-20-2A

Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY BOOSTER PUMP NZ03-A

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

See Seismic Qualification SQ-OC-P-20-002A Rev 1

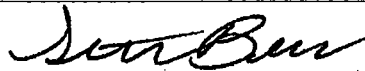
Anchorage details shown on drawing 4074-4 Rev. 4

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-20-2A

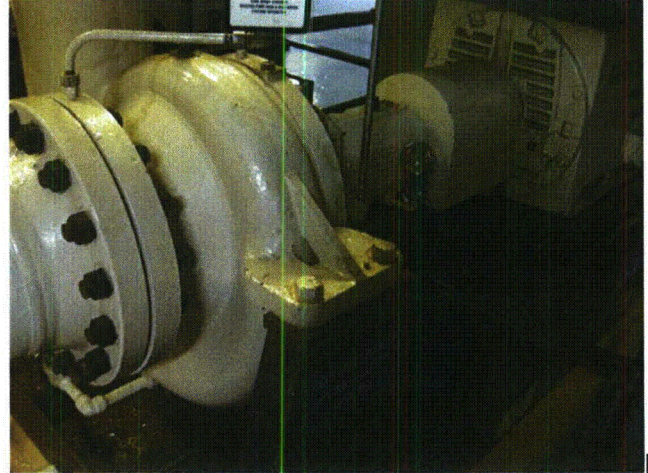
Equipment Class: (5) Horizontal Pumps

Equipment Description: CORE SPRAY BOOSTER PUMP NZ03-A

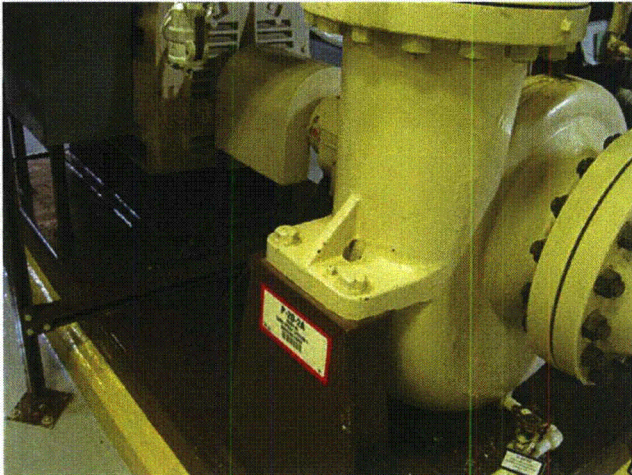
Photos



MG_0663



MG_0670



MG_0671

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-3-3A

Equipment Class: (6) Vertical Pumps

Equipment Description: EMERGENCY SERVICE WATER PUMP 1-1 (52A)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): IS, 6.00 ft, 04

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
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.: P-3-3A

Equipment Class: (6) Vertical Pumps

Equipment Description: EMERGENCY SERVICE WATER PUMP 1-1 (52A)

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

Proximity to handrail is not a seismic interaction issue due to the relatively low mass of the handrail.

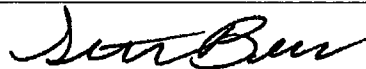
See Seismic Qualification No. SQ-OC-P-3-003A

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

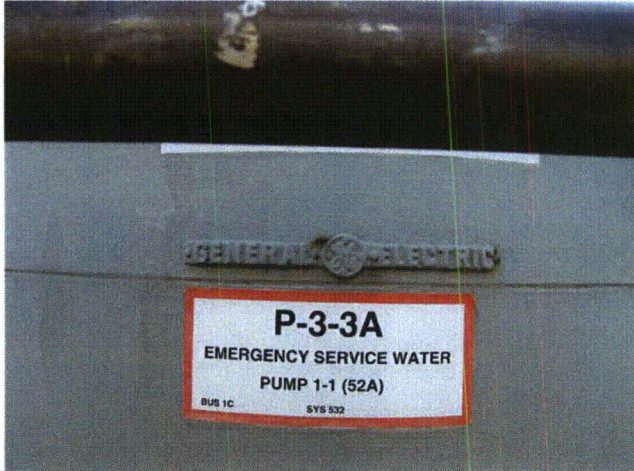
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-3-3A

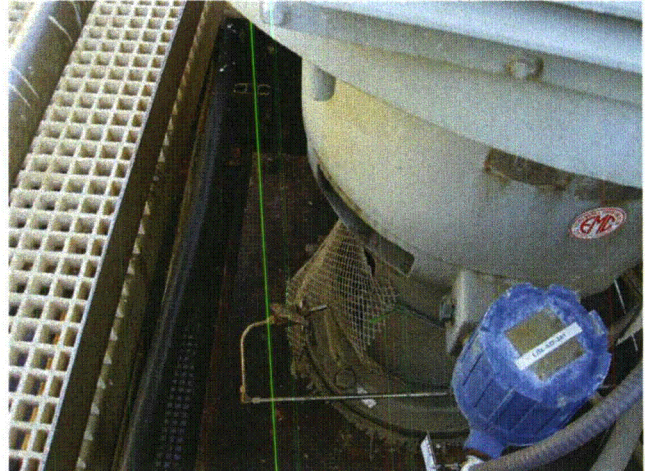
Equipment Class: (6) Vertical Pumps

Equipment Description: EMERGENCY SERVICE WATER PUMP 1-1 (52A)

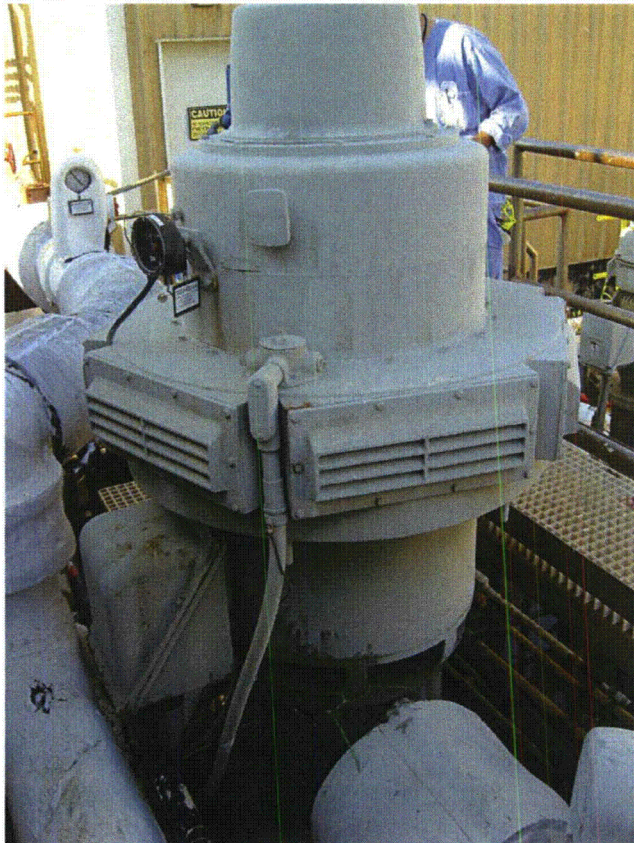
Photos



MG_1215



MG_1217



MG_1221

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-13

Equipment Class: (5) Horizontal Pumps

Equipment Description: FUEL OIL PUMP TO DAY TANK T-39-3

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: P-39-13

Equipment Class: (5) Horizontal Pumps

Equipment Description: FUEL OIL PUMP TO DAY TANK T-39-3

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

See SQ-OC-M-39-001 Rev 06

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-13

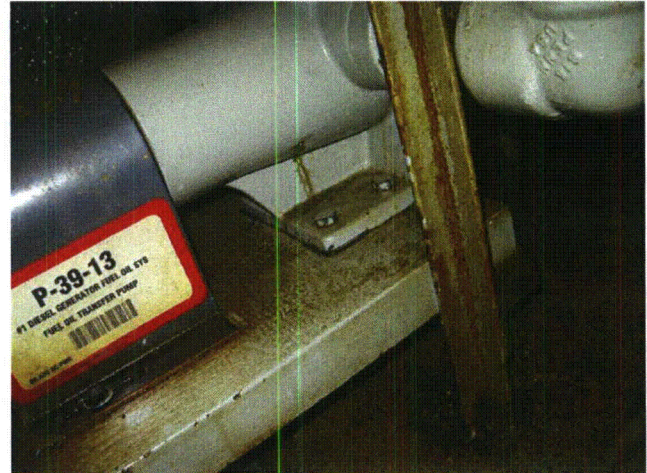
Equipment Class: (5) Horizontal Pumps

Equipment Description: FUEL OIL PUMP TO DAY TANK T-39-3

Photos



MG_1175



MG_1178

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-17

Equipment Class: (5) Horizontal Pumps

Equipment Description: DIESEL GENERATOR UNIT #1 ENGINE DRIVEN FUEL PUMP

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: P-39-17

Equipment Class: (5) Horizontal Pumps

Equipment Description: DIESEL GENERATOR UNIT #1 ENGINE DRIVEN FUEL PUMP

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

See SQ-OC-M-39-001 Rev 06

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

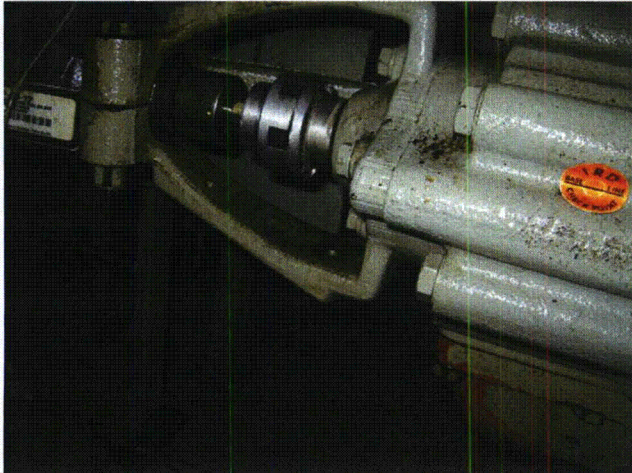
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-17

Equipment Class: (5) Horizontal Pumps

Equipment Description: DIESEL GENERATOR UNIT #1 ENGINE DRIVEN FUEL PUMP

Photo



IMG_1161

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-19

Equipment Class: (5) Horizontal Pumps

Equipment Description: M-39-1 LEFT BEARING COOLING WATER PUMP

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: P-39-19

Equipment Class: (5) Horizontal Pumps

Equipment Description: M-39-1 LEFT BEARING COOLING WATER PUMP

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

See SQ-OC-M-39-001 Rev 06

In-Line equipment

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

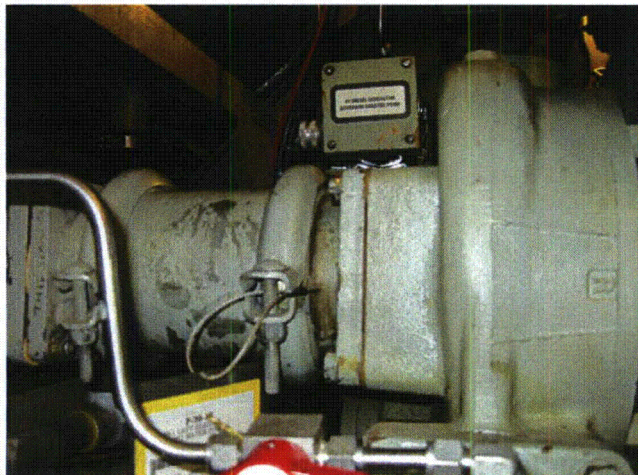
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-19

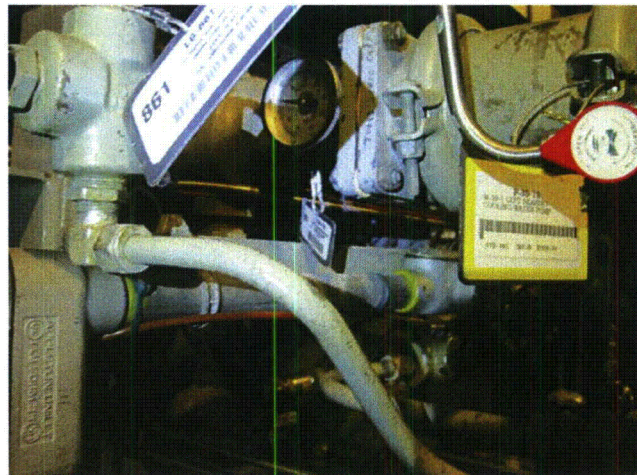
Equipment Class: (5) Horizontal Pumps

Equipment Description: M-39-1 LEFT BEARING COOLING WATER PUMP

Photos



MG_1166



MG_1167

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-25

Equipment Class: (5) Horizontal Pumps

Equipment Description: AC TURBO LUBE OIL PUMP

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 02

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.: P-39-25

Equipment Class: (5) Horizontal Pumps

Equipment Description: AC TURBO LUBE OIL PUMP

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

See Seismic Qualification No. SQ-OC-M-39-002

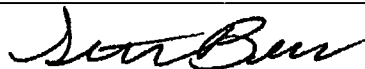
Oil leak is Yellow tagged.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

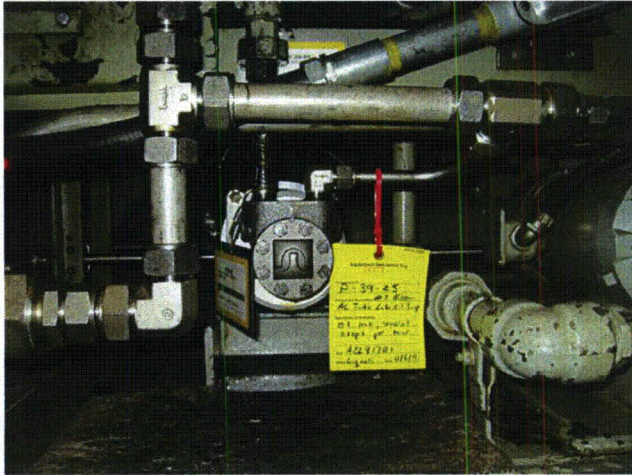
Seismic Walkdown Checklist (SWC)

Equipment ID No.: P-39-25

Equipment Class: (5) Horizontal Pumps

Equipment Description: AC TURBO LUBE OIL PUMP

Photo



IMG_1205

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-18-82

Equipment Class: (18) Instruments on Racks

Equipment Description: AUGMENTED SFP COOLING PMP NN01-C DISCHARGE PRESSURE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: PI-18-82

Equipment Class: (18) Instruments on Racks

Equipment Description: AUGMENTED SFP COOLING PMP NN01-C DISCHARGE PRESSURE

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

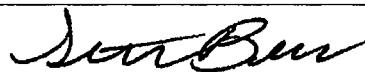
US Guage CO. Figure 1980

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-18-82

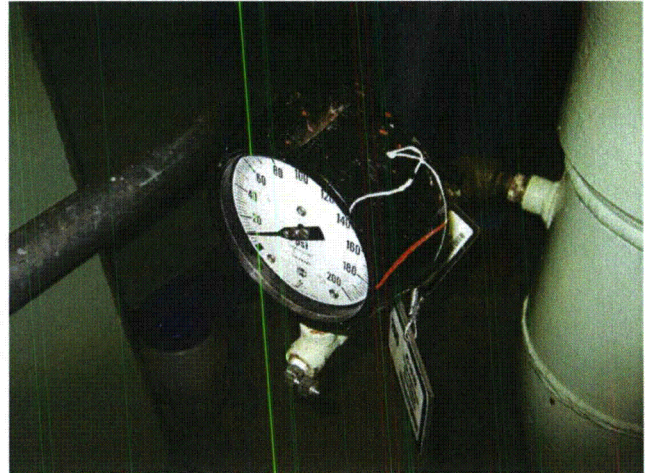
Equipment Class: (18) Instruments on Racks

Equipment Description: AUGMENTED SFP COOLING PMP NN01-C DISCHARGE PRESSURE

Photos



MG_1315



MG_1316

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-305-131\06-15

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: PI-305-131\06-15

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-305-131\06-15

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

Photo



IMG_0752

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-305-131\26-03

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 08

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.: PI-305-131\26-03

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

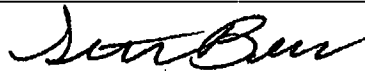
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

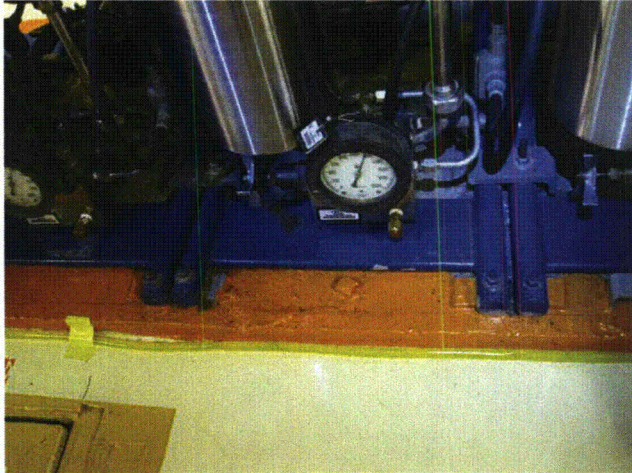
Seismic Walkdown Checklist (SWC)

Equipment ID No.: PI-305-131\26-03

Equipment Class: (0) Other

Equipment Description: ACCUMULATORS GAS PRESSURE INDICATOR

Photos



IMG_0778

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-1

Equipment Class: (4) Transformers

Equipment Description: 480/120VAC TRANSFORMER TO PROTECTION SYS PANELS 1&2

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): TB, 36.00 ft, 24

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.: PS-1

Equipment Class: (4) Transformers

Equipment Description: 480/120VAC TRANSFORMER TO PROTECTION SYS PANELS 1&2

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

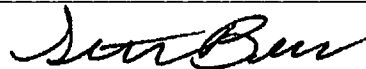
Comments

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-1

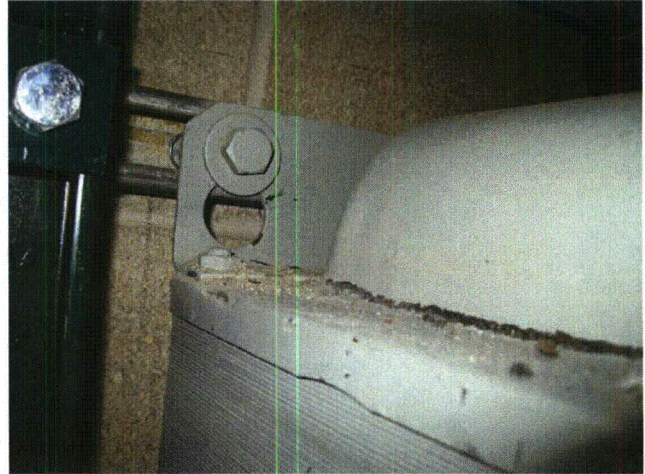
Equipment Class: (4) Transformers

Equipment Description: 480/120VAC TRANSFORMER TO PROTECTION SYS PANELS 1&2

Photos



MG_1103



MG_1106

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-18-79

Equipment Class: (18) Instruments on Racks

Equipment Description: ASFP COOLING PUMP NN01-C LOW SUCTION PRESSURE TRIP

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: PS-18-79

Equipment Class: (18) Instruments on Racks

Equipment Description: ASFP COOLING PUMP NN01-C LOW SUCTION PRESSURE TRIP

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

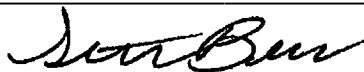
B070 BARKSDALE CONTROL MODEL D1T-M18SS

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

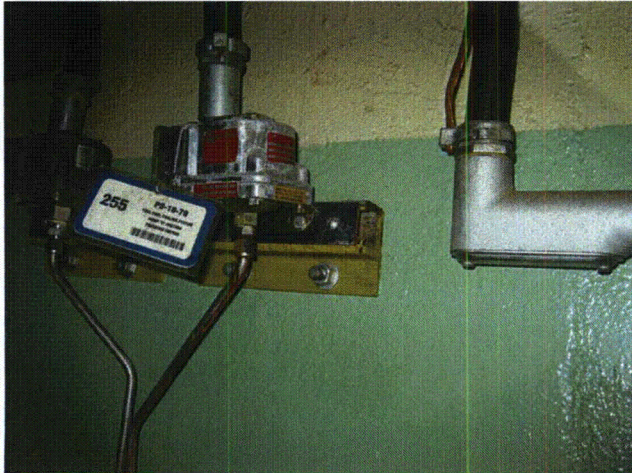
Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-18-79

Equipment Class: (18) Instruments on Racks

Equipment Description: ASFP COOLING PUMP NN01-C LOW SUCTION PRESSURE TRIP

Photo



IMG_1304

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-IA0083A

Equipment Class: (18) Instruments on Racks

Equipment Description: EMRV NR108A HIGH PRESSURE SWITCH

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 15

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
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.: PS-IA0083A

Equipment Class: (18) Instruments on Racks

Equipment Description: EMRV NR108A HIGH PRESSURE SWITCH

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

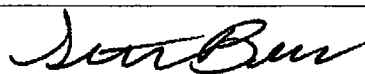
See SQ-OC-RK01 Rev 02

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-IA0083C

Equipment Class: (18) Instruments on Racks

Equipment Description: EMRV NR108C HIGH PRESSURE SWITCH

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 17

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
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.: PS-IA0083C

Equipment Class: (18) Instruments on Racks

Equipment Description: EMRV NR108C HIGH PRESSURE SWITCH

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

See SQ-OC-RK02 Rev 00

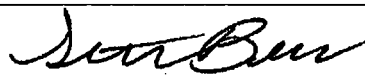
Horizontal Hairline linear indications (Cracks) on Drywell exterior behind RK02. Acceptable per review of the guidelines of ACI-349 guidelines.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-RE0017A

Equipment Class: (18) Instruments on Racks

Equipment Description: LOW REACTOR PRESS. SWITCH READIES CORE SPRAY VALVES

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 15

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
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.: PS-RE0017A

Equipment Class: (18) Instruments on Racks

Equipment Description: LOW REACTOR PRESS. SWITCH READIES CORE SPRAY VALVES

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

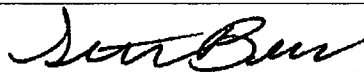
See SQ-OC-RK01 Rev 02

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-RV0046A

Equipment Class: (18) Instruments on Racks

Equipment Description: DRYWELL HIGH PRESSURE SWITCH-AUTO STARTS PUMPS

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 06

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
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.: PS-RV0046A

Equipment Class: (18) Instruments on Racks

Equipment Description: DRYWELL HIGH PRESSURE SWITCH-AUTO STARTS PUMPS

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

See SQUG SEWS (SQ-OC-RK03) Rev 000

See Seismic Qualification SQ-OC-PS-RV0046A Rev 0

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

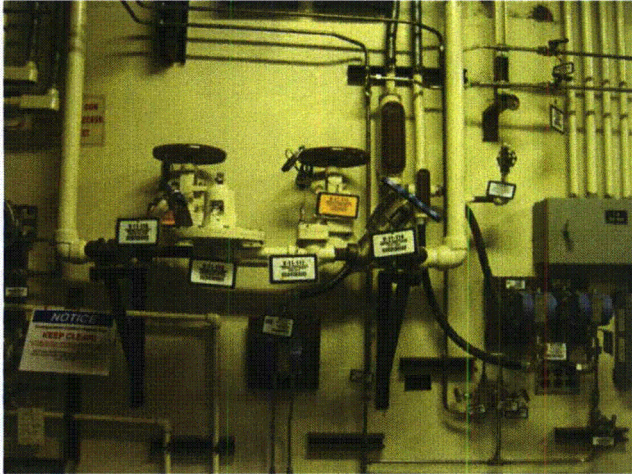
Seismic Walkdown Checklist (SWC)

Equipment ID No.: PS-RV0046A

Equipment Class: (18) Instruments on Racks

Equipment Description: DRYWELL HIGH PRESSURE SWITCH-AUTO STARTS PUMPS

Photo



IMG_0685

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: RK-1

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR PROTECTION SYSTEM 1A,2A INSTRUMENT RACK A,B

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 15

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
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.: RK-1

Equipment Class: (18) Instruments on Racks

Equipment Description: REACTOR PROTECTION SYSTEM 1A,2A INSTRUMENT RACK A,B

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

See SQ-OC-RK01 Rev 02

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: RK-3

Equipment Class: (18) Instruments on Racks

Equipment Description: INSTRUMENT RACK RECIRC'N PUMP REACTOR PROTECTION

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 06

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
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.: RK-3

Equipment Class: (18) Instruments on Racks

Equipment Description: INSTRUMENT RACK RECIRC'N PUMP REACTOR PROTECTION

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

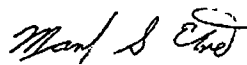
- | | |
|--|-----|
| 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? | Yes |
|--|-----|

Comments

See SQUG SEWS (SQ-OC-RK03) Rev 000

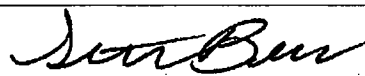
Missing bolt is addressed in SQUG SEWS (SQ-OC-RK03) and determined to be seismically adequate in the current configuration.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

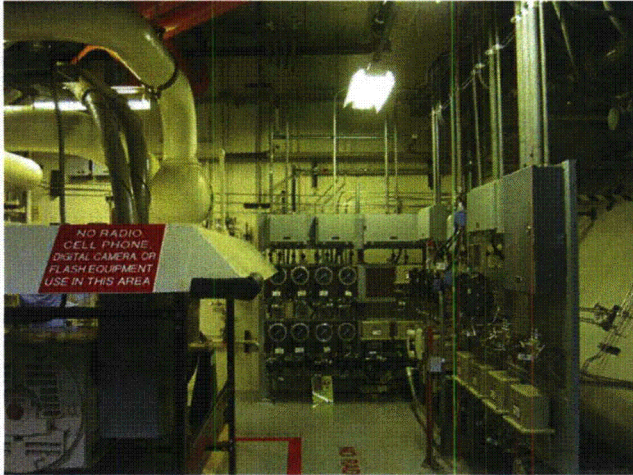
Seismic Walkdown Checklist (SWC)

Equipment ID No.: RK-3

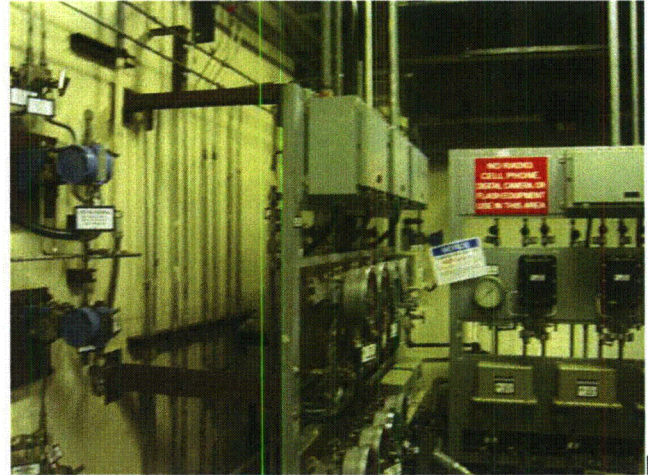
Equipment Class: (18) Instruments on Racks

Equipment Description: INSTRUMENT RACK RECIRC'N PUMP REACTOR PROTECTION

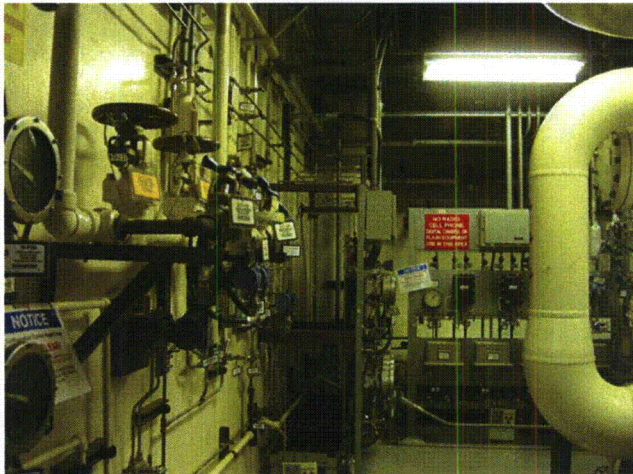
Photos



MG_0679



MG_0680



MG_0694

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: ROTARY INVERTER/AC

Equipment Class: (13) Motor-Generators

Equipment Description: AC GENERATOR FOR 120V AC SUPPLY FOR CIP-3

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): OB, 35.00 ft, 05

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

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.: ROTARY INVERTER/VAC

Equipment Class: (13) Motor-Generators

Equipment Description: AC GENERATOR FOR 120V AC SUPPLY FOR CIP-3

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

Horizontal restraint modification is consistent with SQUG SEWS and drawings identified within SEWS.

See Seismic Qualification No. SQ-OC-ROTARY INVERTER/VAC

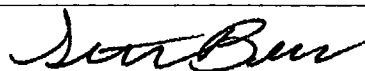
Nearby masonry block Wall is braced. Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

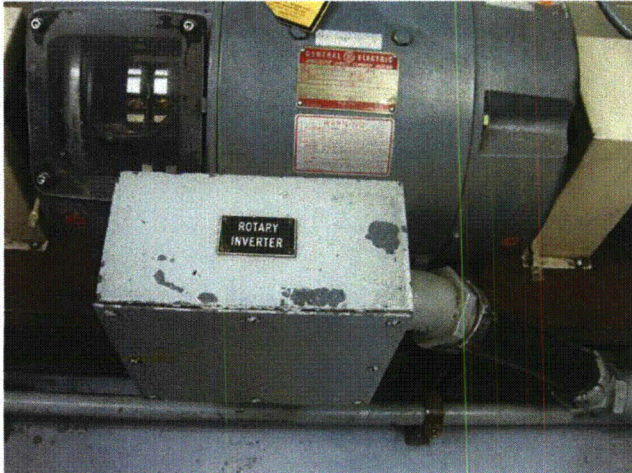
Seismic Walkdown Checklist (SWC)

Equipment ID No.: ROTARY INVERTER\AC

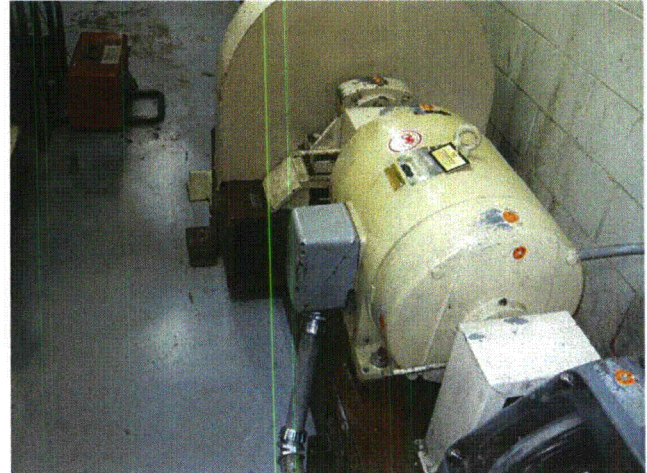
Equipment Class: (13) Motor-Generators

Equipment Description: AC GENERATOR FOR 120V AC SUPPLY FOR CIP-3

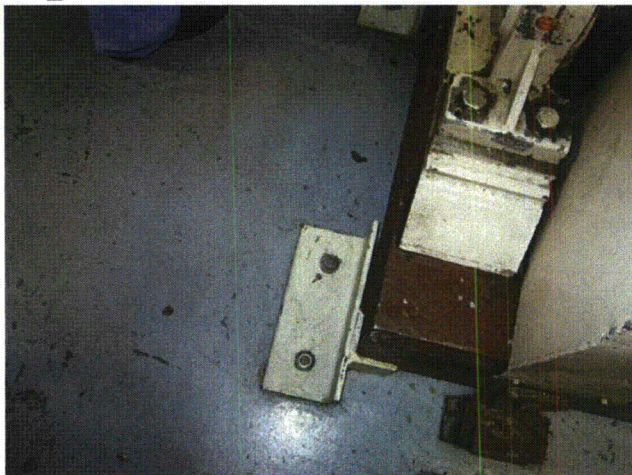
Photos



MG_1113



MG_1115



MG_1116



MG_1118

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\06-15

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: SO-305-117\06-15

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

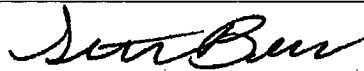
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

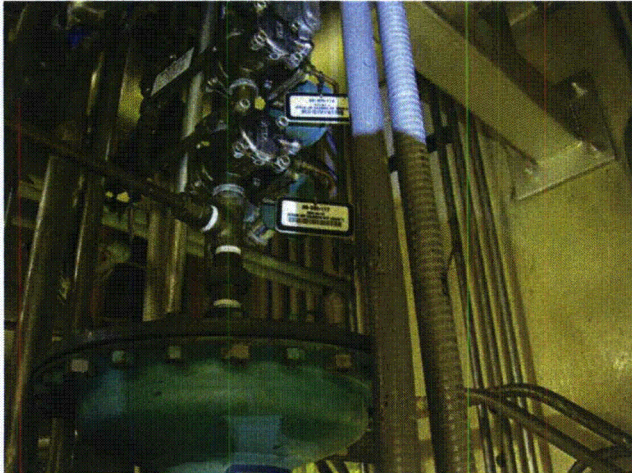
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\06-15

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

Photo



IMG_0755

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\06-19

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: SO-305-117\06-19

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

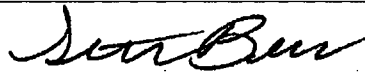
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

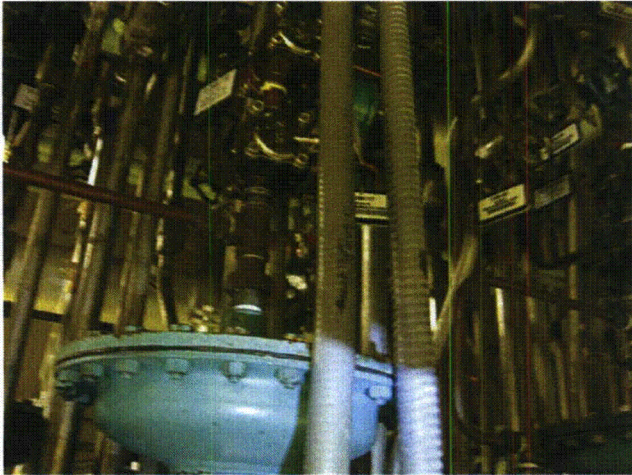
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\06-19

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE (North)

Photo



IMG_0762

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\30-03

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 2) (South)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 08

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.: SO-305-117\30-03

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 2) (South)

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

In-line equipment.

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\30-03

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 2) (South)

Photo



IMG_0817

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\30-07

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 3) (South)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 08

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.: SO-305-117\30-07

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 3) (South)

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

In-line equipment.

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

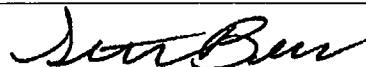
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

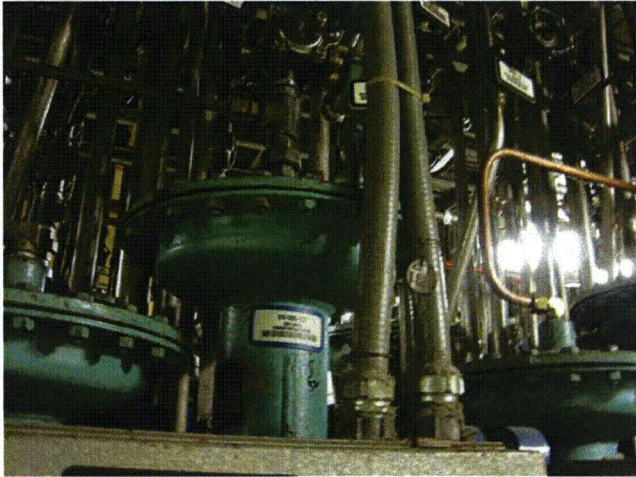
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-117\30-07

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

Equipment Description: CHANNEL I SCRAM AIR PILOT SOLENOID VALVE(GROUP 3) (South)

Photo



IMG_0802

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-120\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (North)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: SO-305-120\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (North)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

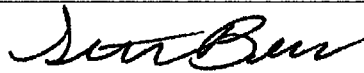
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

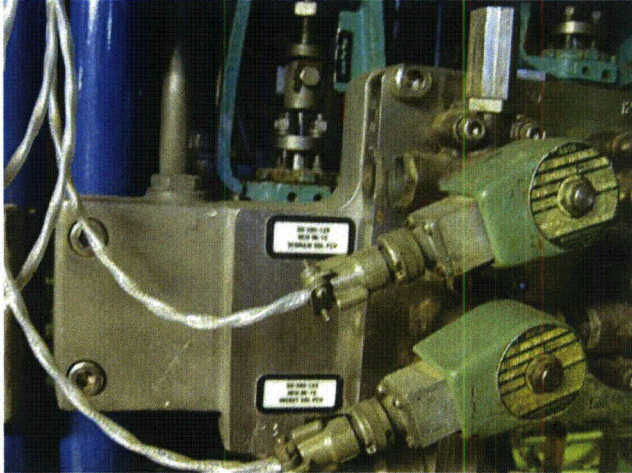
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-120\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (North)

Photo



IMG_0756

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-120\30-03

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (South)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 08

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
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.: SO-305-120\30-03

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (South)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

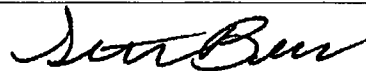
SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

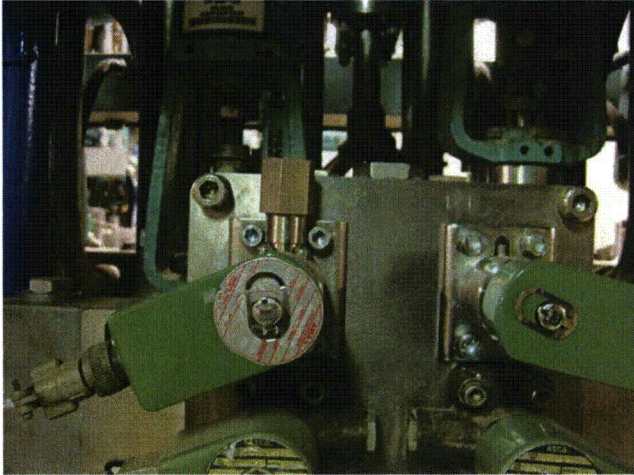
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-120\30-03

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

Equipment Description: DIRECTIONAL FLOW CONTROL WITHDRAW SOLENOID VALVE (South)

Photo



IMG_0822

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-121\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: SO-305-121\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0


SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

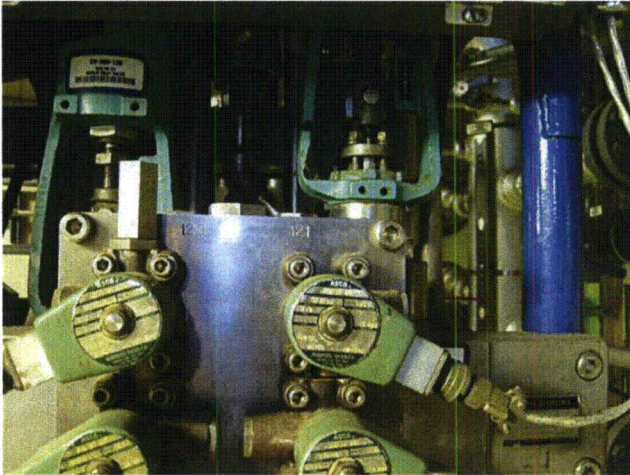
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-121\06-15

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

Photo



IMG_0760

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-121\06-19

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: SO-305-121\06-19

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

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

See Calculation's C-1302-225-E310-049, Rev. 0 and C-1302-225-E310-050, Rev. 0

SQ-OC-HCU-305-XX-XX, Rev 1

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

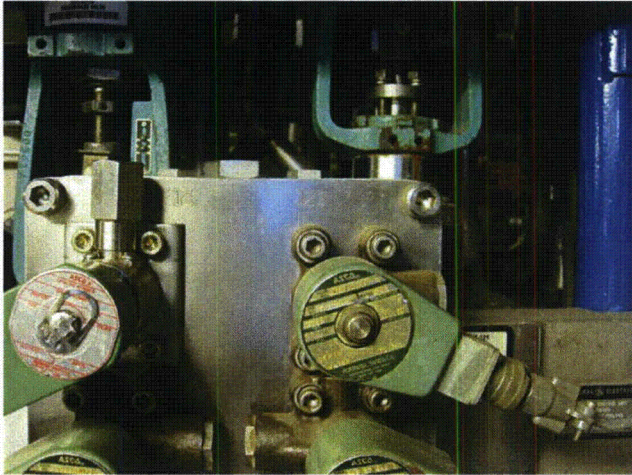
Seismic Walkdown Checklist (SWC)

Equipment ID No.: SO-305-121\06-19

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

Equipment Description: DIRECTIONAL FLOW CONTROL INSERT SOLENOID VALVE (North)

Photo



IMG_0763

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-2

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR FUEL OIL STORAGE TANK

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 18.00 ft, 03

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
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.: T-39-2

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR FUEL 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

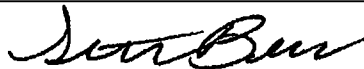
See Seismic Qualification SQ-OC-T-39-002 Rev 1

Evaluated by:



Wing Ho

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-2

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR FUEL OIL STORAGE TANK

Photos



MG_4172



MG_4174

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-2

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR FUEL OIL STORAGE TANK



MG_4175



MG_4178



MG_4179

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-3

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR UNIT #1 FUEL OIL DAY TANK

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: T-39-3

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR UNIT #1 FUEL OIL DAY 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

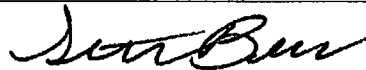
See SQ-OC-M-39-001 Rev 06

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

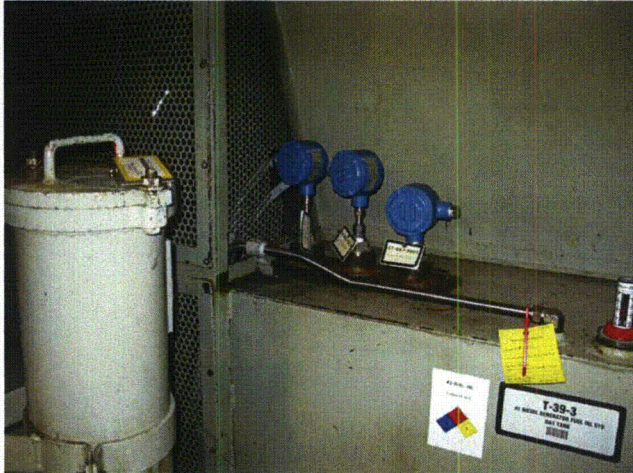
Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-3

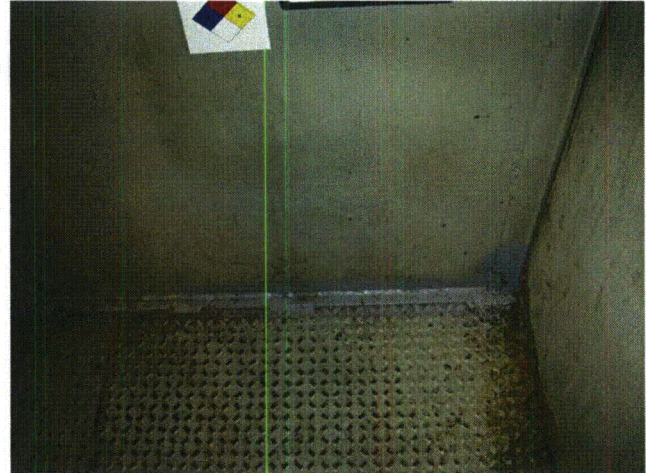
Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL GENERATOR UNIT #1 FUEL OIL DAY TANK

Photos



MG_1137



MG_1138

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-5

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: M-39-1 COOLING WATER TANK

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: T-39-5

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: M-39-1 COOLING WATER 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

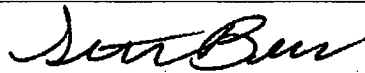
See SQ-OC-M-39-001 Rev 06

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

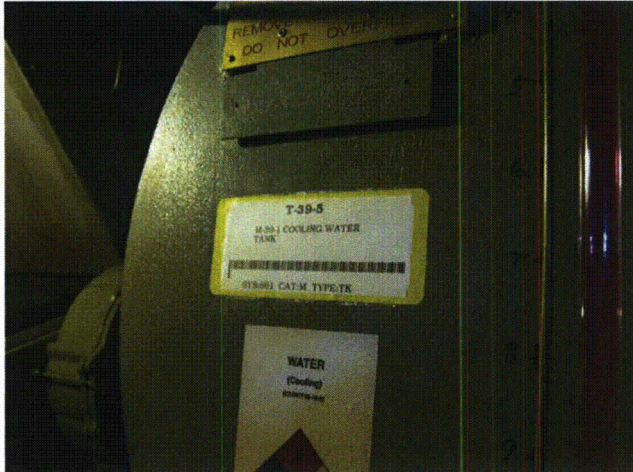
Seismic Walkdown Checklist (SWC)

Equipment ID No.: T-39-5

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: M-39-1 COOLING WATER TANK

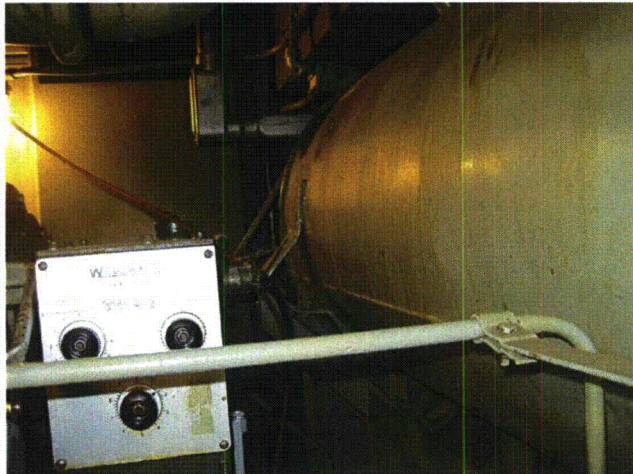
Photos



MG_1153



MG_1155



MG_1157

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: TI-18-267

Equipment Class: (19) Temperature Sensors

Equipment Description: ASFP HEAT EXCHANGER NN02C OUTLET TEMPERATURE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: TI-18-267

Equipment Class: (19) Temperature Sensors

Equipment Description: ASFP HEAT EXCHANGER NN02C OUTLET TEMPERATURE

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:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: TI-18-267

Equipment Class: (19) Temperature Sensors

Equipment Description: ASFP HEAT EXCHANGER NN02C OUTLET TEMPERATURE

Photo



IMG_1294

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-15-120

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: SOUTH SCRAM DISCHARGE HDR VENT VALVE(NC53-A)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 08

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.: V-15-120

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: SOUTH SCRAM DISCHARGE HDR VENT VALVE(NC53-A)

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

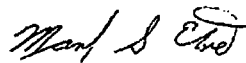
- | | |
|--|-----|
| 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? | Yes |
|--|-----|

Comments

The Valve is Consistant with BS&B Service Instruction Manual for Diaphragm Control Valves NS 106 page 2

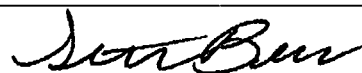
See Seismic Qualification SQ-OC-V-15-0120 Rev 0

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

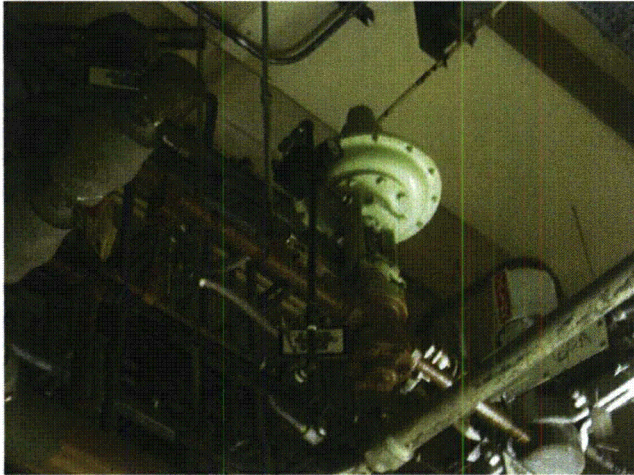
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-15-120

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: SOUTH SCRAM DISCHARGE HDR VENT VALVE(NC53-A)

Photo



IMG_0834

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-15-133

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

Equipment Description: NORTH SCRAM DISCHG VOLUME DRAIN VALVE(NC52-A)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 13

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.: V-15-133

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

Equipment Description: NORTH SCRAM DISCHG VOLUME DRAIN VALVE(NC52-A)

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

The Valve is Consistant with Flowserve Drawing 94-16252 Rev D

See Seismic Qualification SQ-OC-V-15-0133 Rev 0

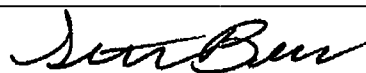
RTD for V-6-2917 touches valve V-15-133. Not an operability issue due to the relative low mass od V-6-2917 and the brass piping which is highly ductile. IR 01403039 Documents- Seismic interaction between valves V-15-133 and V-6-2917.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

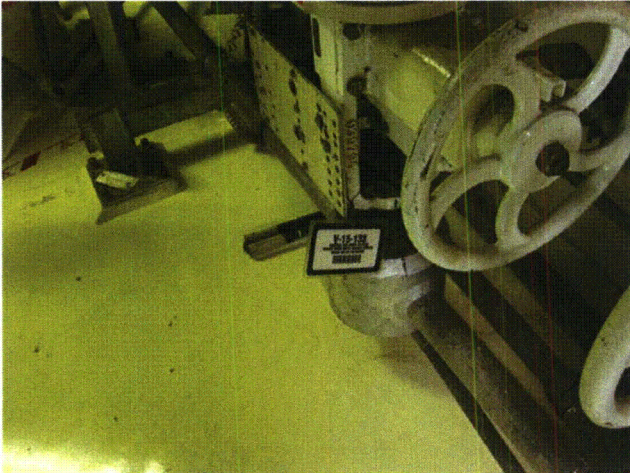
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-15-133

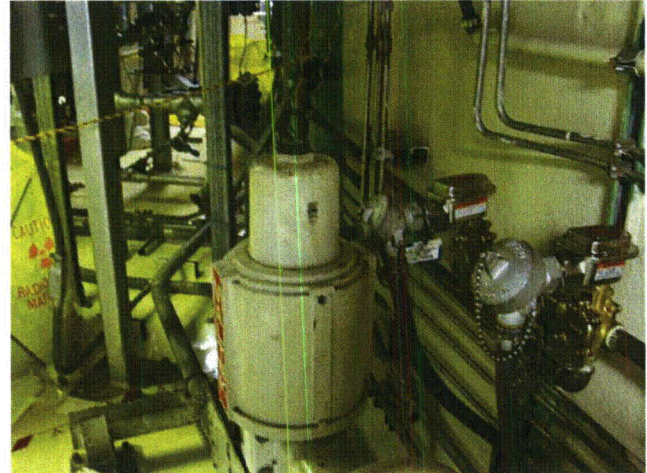
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: NORTH SCRAM DISCHG VOLUME DRAIN VALVE(NC52-A)

Photos



MG_0714



MG_0715



MG_0716

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-17-1

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

Equipment Description: SDC LOOP 'A' PUMP SUCTION VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 38.00 ft, 22

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.: V-17-1

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

Equipment Description: SDC LOOP 'A' PUMP 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 |
| 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 |

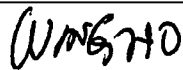
Other Adverse Conditions

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

Comments

Drawing 93-14360 Rev c

Evaluated by:



Wing Ho

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

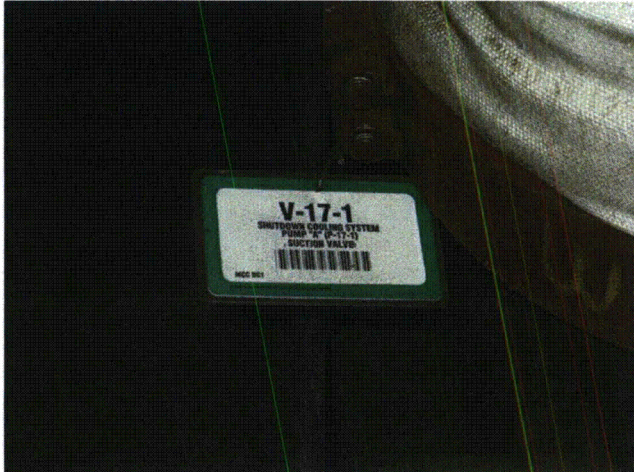
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-17-1

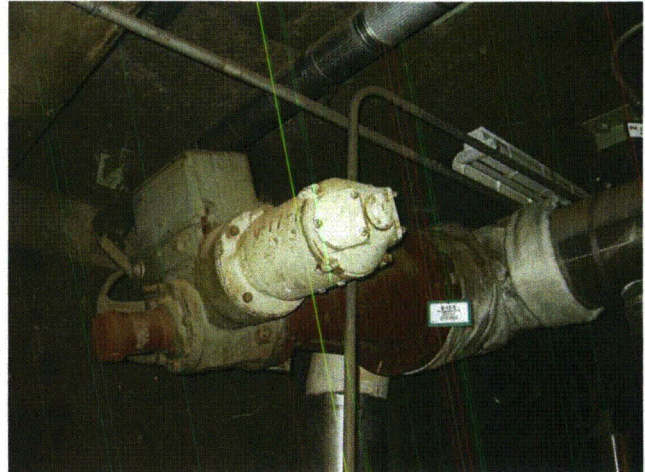
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: SDC LOOP 'A' PUMP SUCTION VALVE

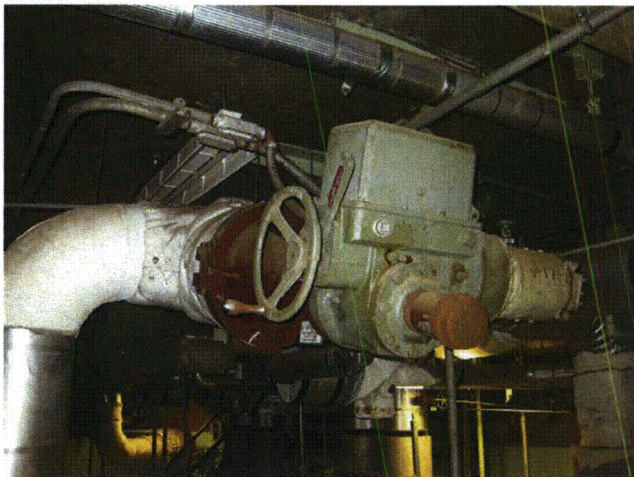
Photos



MG_4182



MG_4183



MG_4184

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-17-212

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

Equipment Description: SDC LOOP'A' OUTLET HEADER VENT VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 23

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.: V-17-212

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

Equipment Description: SDC LOOP'A' OUTLET HEADER 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 |
|--|-----|

Comments


SEE CONVAL DRAWING 10G2-105 REV B

Evaluated by:



Wing Ho

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

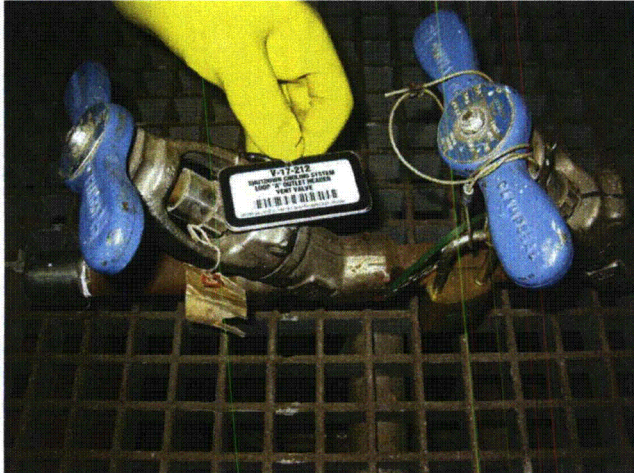
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-17-212

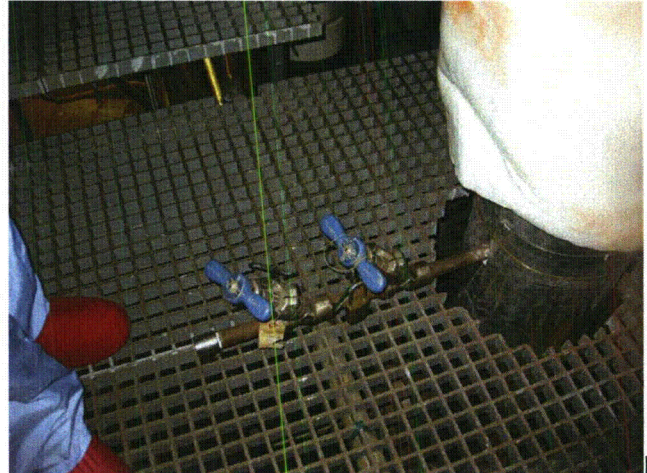
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: SDC LOOP'A' OUTLET HEADER VENT VALVE

Photos



MG_4194



MG_4195

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-112

Equipment Class: (0) Other

Equipment Description: ASFP COOLING PUMP NN01-D CASING VENT VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-112

Equipment Class: (0) Other

Equipment Description: ASFP COOLING PUMP NN01-D 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

Comments

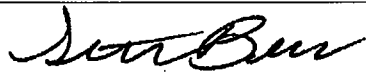
In-line equipment.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-112

Equipment Class: (0) Other

Equipment Description: ASFP COOLING PUMP NN01-D CASING VENT VALVE

Photo



IMG_1308

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-1266

Equipment Class: (0) Other

Equipment Description: FUEL POOL MAKEUP ISOLATION VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-1266

Equipment Class: (0) Other

Equipment Description: FUEL POOL MAKEUP ISOLATION 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

In-line equipment.

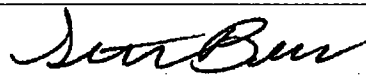
3" Globe Valve

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-1266

Equipment Class: (0) Other

Equipment Description: FUEL POOL MAKEUP ISOLATION VALVE

Photo



IMG_1258

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-19

Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL COOLING OUTLET VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-19

Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL COOLING 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 |
| 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

See Calculation C-1302-251-5320-011 Dated 25 Sept 1984

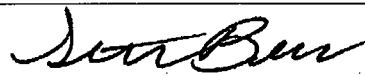
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

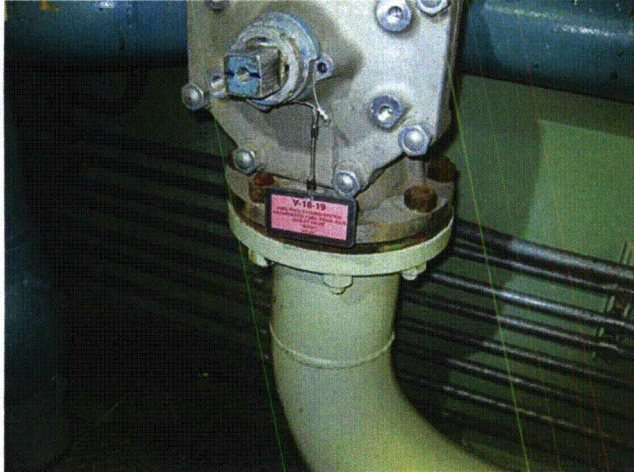
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-19

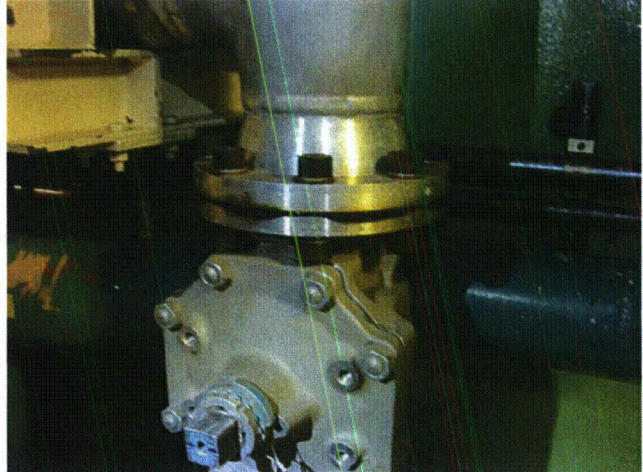
Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL COOLING OUTLET VALVE

Photos



MG_1264



MG_1265

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-2

Equipment Class: (0) Other

Equipment Description: AUGMENTED SPENT FUEL POOL SYSTEM INLET VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-2

Equipment Class: (0) Other

Equipment Description: AUGMENTED SPENT FUEL POOL SYSTEM 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
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

See Calculation C-1302-251-5320-011 Dated 25 Sept 1984

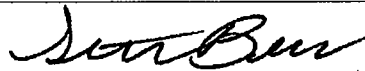
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

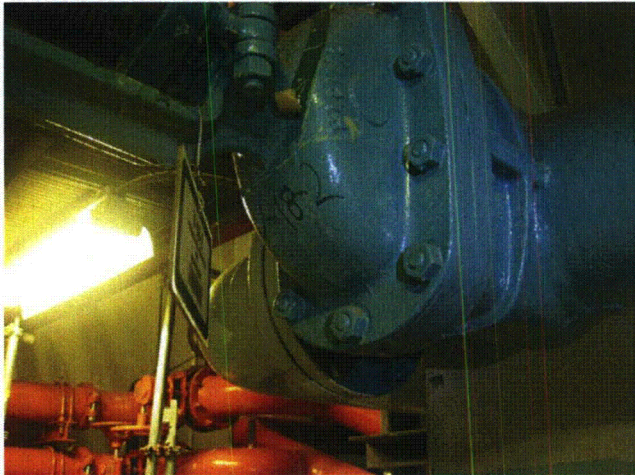
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-2

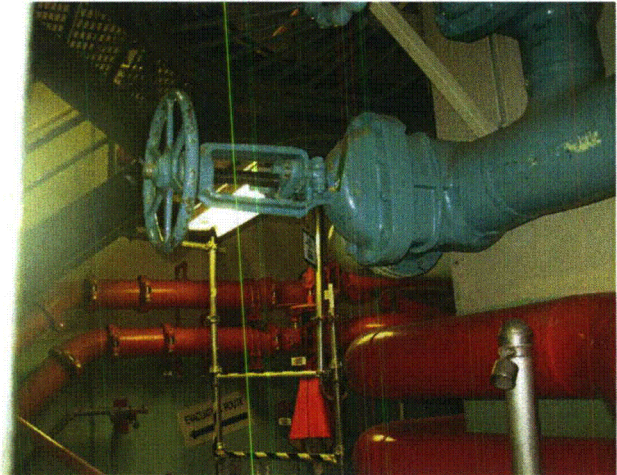
Equipment Class: (0) Other

Equipment Description: AUGMENTED SPENT FUEL POOL SYSTEM INLET VALVE

Photos



MG_1300



MG_1302

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-3

Equipment Class: (0) Other

Equipment Description: SFP COOLING PUMP (NN01-A) SUCTION ISOLATION VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-3

Equipment Class: (0) Other

Equipment Description: SFP COOLING PUMP (NN01-A) SUCTION ISOLATION 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

See Calculation C-1302-251-5320-011 Dated 25 Sept 1984

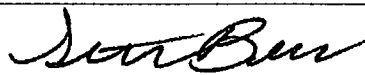
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

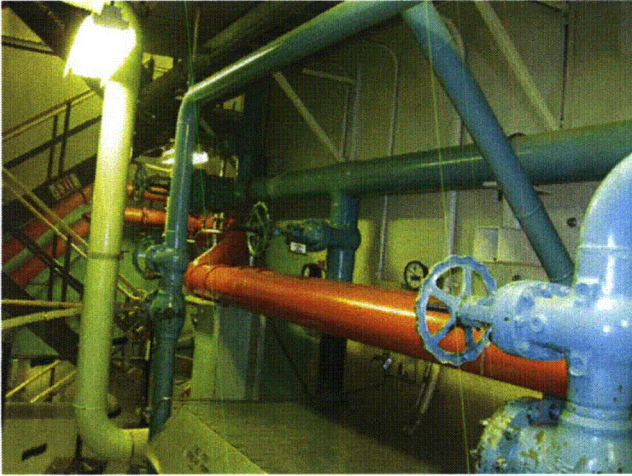
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-3

Equipment Class: (0) Other

Equipment Description: SFP COOLING PUMP (NN01-A) SUCTION ISOLATION VALVE

Photo



IMG_1251

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-47

Equipment Class: (0) Other

Equipment Description: DRAIN FROM REACTOR WELL BACK TO FUEL POOL PUMPS

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-47

Equipment Class: (0) Other

Equipment Description: DRAIN FROM REACTOR WELL BACK TO FUEL POOL PUMPS

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

See Calculation C-1302-251-5320-011 Dated 25 Sept 1984

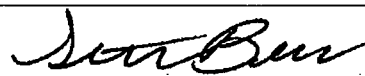
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

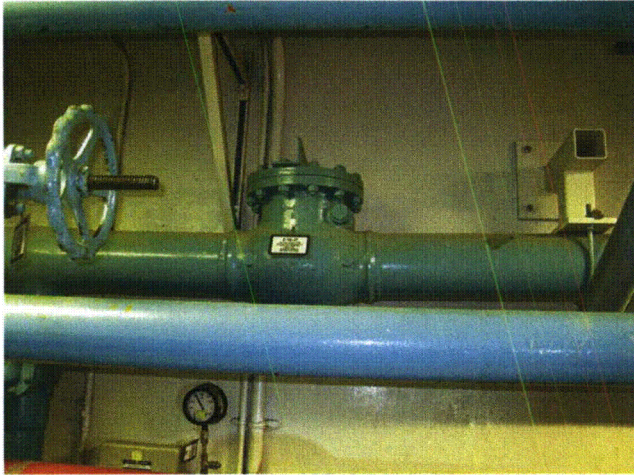
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-47

Equipment Class: (0) Other

Equipment Description: DRAIN FROM REACTOR WELL BACK TO FUEL POOL PUMPS

Photo



IMG_1249

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-74

Equipment Class: (0) Other

Equipment Description: AUGMENTE FUEL POOL CLG PUMP NN01-D DISCHARGE VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-74

Equipment Class: (0) Other

Equipment Description: AUGMENTE FUEL POOL CLG PUMP NN01-D DISCHARGE 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

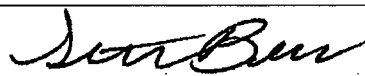
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

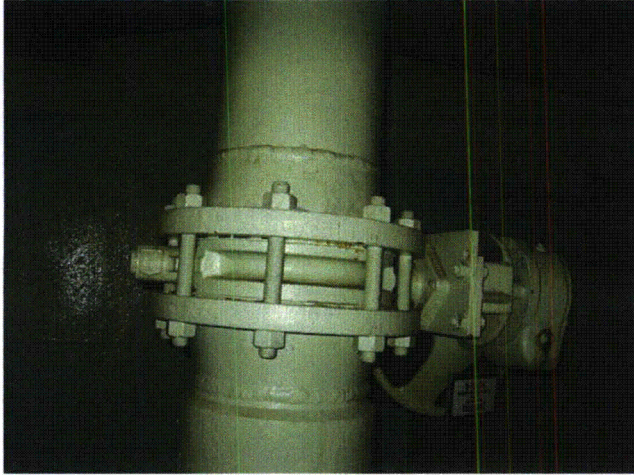
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-74

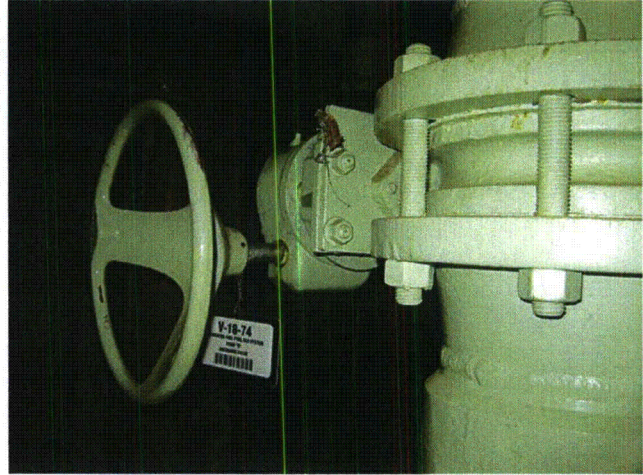
Equipment Class: (0) Other

Equipment Description: AUGMENTE FUEL POOL CLG PUMP NN01-D DISCHARGE VALVE

Photos



IMG_1296



IMG_1297

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-80

Equipment Class: (0) Other

Equipment Description: PI-18-88 ISOLATION VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-80

Equipment Class: (0) Other

Equipment Description: PI-18-88 ISOLATION 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

In-line equipment.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

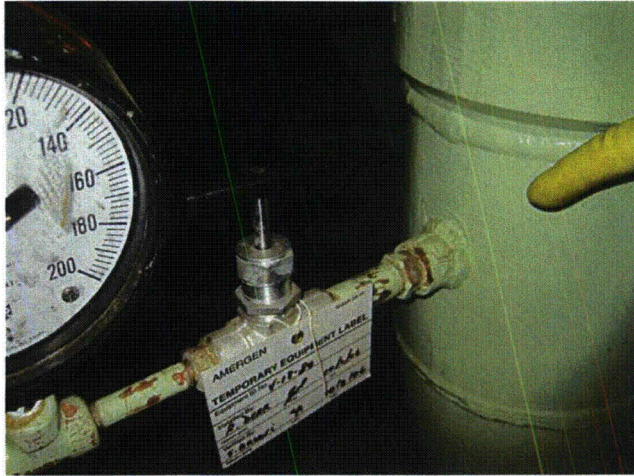
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-80

Equipment Class: (0) Other

Equipment Description: PI-18-88 ISOLATION VALVE

Photo



IMG_1313

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-81

Equipment Class: (0) Other

Equipment Description: PS-18-0080 ISOLATION ROOT VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-81

Equipment Class: (0) Other

Equipment Description: PS-18-0080 ISOLATION ROOT 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

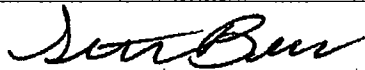
In-line equipment.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-81

Equipment Class: (0) Other

Equipment Description: PS-18-0080 ISOLATION ROOT VALVE

Photo



IMG_1306

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-88

Equipment Class: (0) Other

Equipment Description: AUGMENTED FPC SYSTEM VENT VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-88

Equipment Class: (0) Other

Equipment Description: AUGMENTED FPC SYSTEM 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

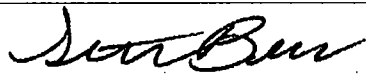
Comments

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

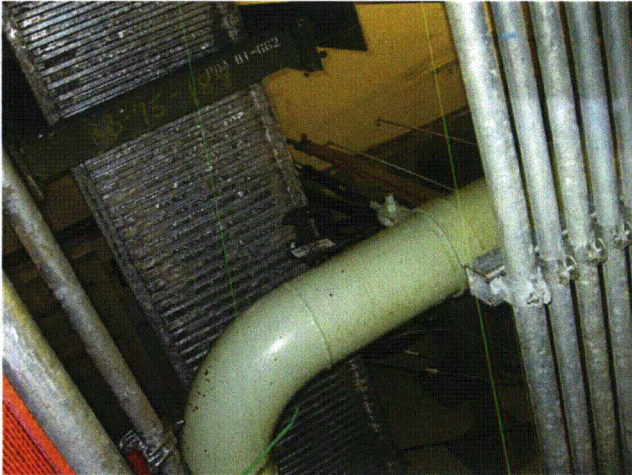
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-88

Equipment Class: (0) Other

Equipment Description: AUGMENTED FPC SYSTEM VENT VALVE

Photo



IMG_1319

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-92

Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL CLG THROTTLE VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 75.00 ft, 21

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.: V-18-92

Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL CLG THROTTLE 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

Leakage is tagged.

In-line equipment.

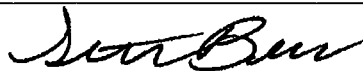
See calculation C-1302-255-E310-005, Rev 000

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

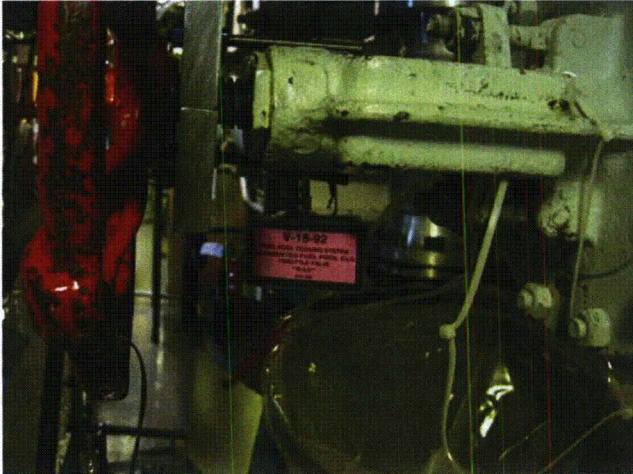
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-18-92

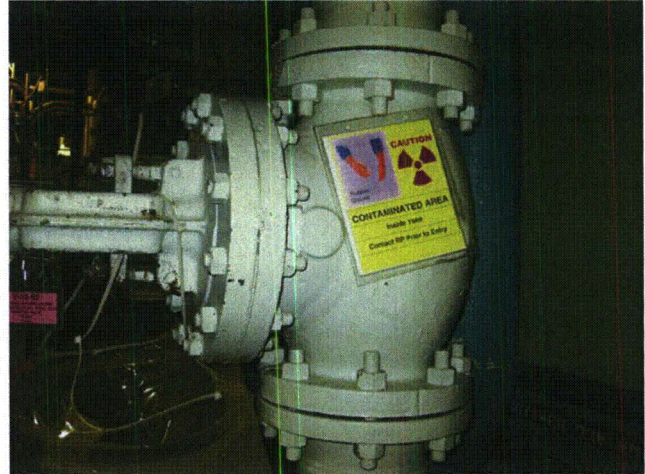
Equipment Class: (0) Other

Equipment Description: AUGMENTED FUEL POOL CLG THROTTLE VALVE

Photos



MG_1261



MG_1262

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-12

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

Equipment Description: CORE SPRAY PUMP DISCHARGE VALVE(SYSTEM I)

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 06

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.: V-20-12

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

Equipment Description: CORE SPRAY PUMP DISCHARGE VALVE(SYSTEM I)

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

In-line equipment.

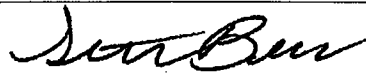
See Seismic Qualification SQ-OC-V-20-0012 Rev 0

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

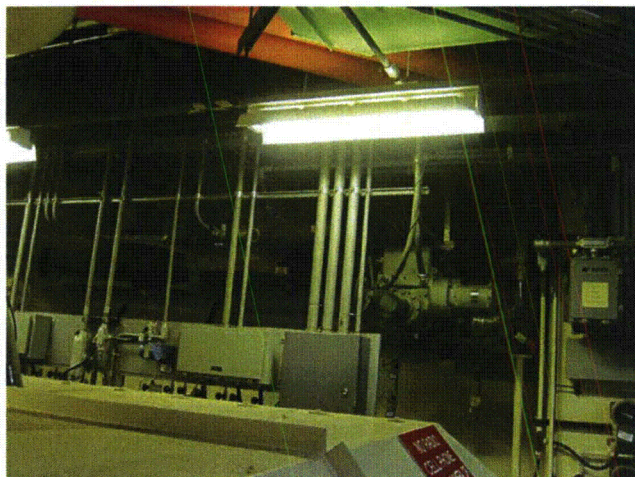
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-12

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

Equipment Description: CORE SPRAY PUMP DISCHARGE VALVE(SYSTEM I)

Photo



IMG_0657

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-15

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

Equipment Description: "A" CONTAINMENT ISO. VALVE - SYS. I

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 51.00 ft, 06

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.: V-20-15

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

Equipment Description: "A" CONTAINMENT ISO. VALVE - SYS. I

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

Minor leakage.


See Seismic Qualification SQ-OC-V-20-0015 Rev 0

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

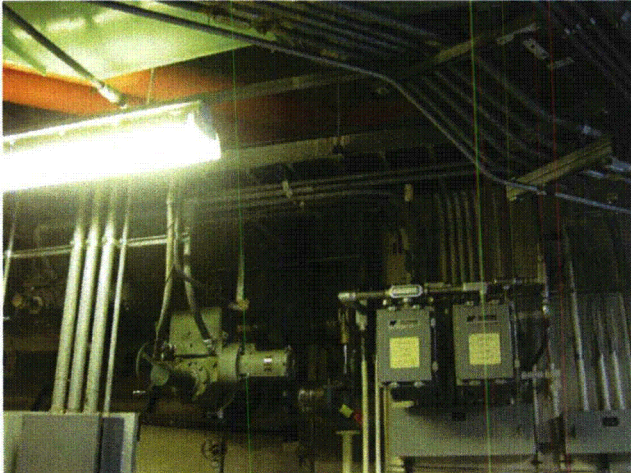
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-15

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

Equipment Description: "A" CONTAINMENT ISO. VALVE - SYS. I

Photo



IMG_0655

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-3

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

Equipment Description: CORE SPRAY PUMP "A" SUCTION VALVE FROM TORUS

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 19.00 ft, 18

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.: V-20-3

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

Equipment Description: CORE SPRAY PUMP "A" SUCTION VALVE FROM TORUS

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

See Drawing 2065-5

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

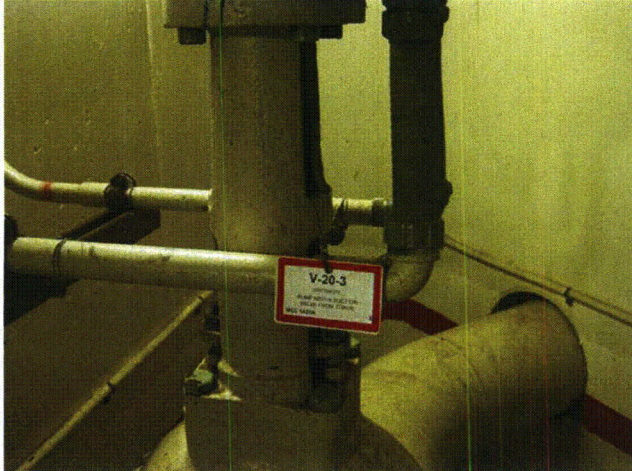
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-20-3

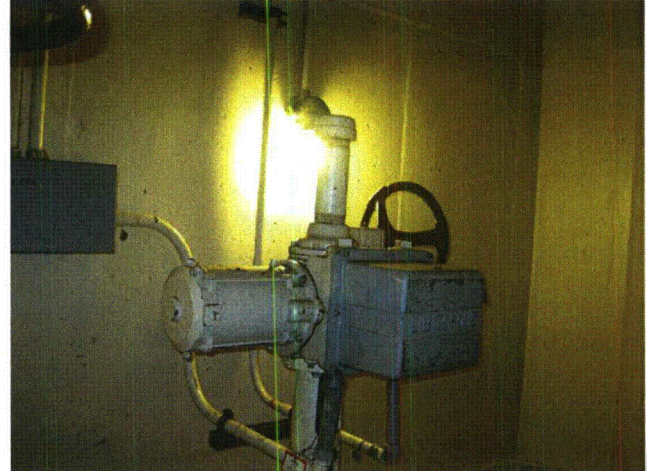
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: CORE SPRAY PUMP "A" SUCTION VALVE FROM TORUS

Photos



MG_1029



MG_1032

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-21-75

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

Equipment Description: CONTAINMENT ISOLATION FOR TORUS WATER CLEAN-UP

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 19.00 ft, 19

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.: V-21-75

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

Equipment Description: CONTAINMENT ISOLATION FOR TORUS WATER CLEAN-UP

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

See Drawing W8321853 Rev A

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

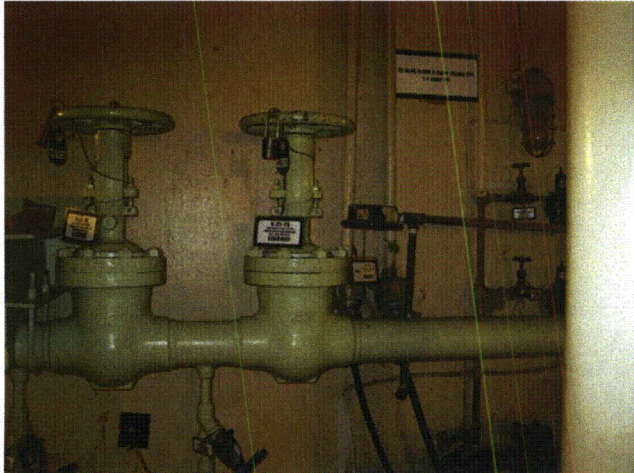
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-21-75

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

Equipment Description: CONTAINMENT ISOLATION FOR TORUS WATER CLEAN-UP

Photo



IMG_1041

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-109

Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP SUCTION VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: V-39-109

Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP 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 |
| 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

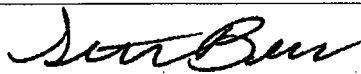
See SQ-OC-M-39-001 Rev 06

In-Line equipment

Evaluated by:


Mark Etre

Date: 10/10/12


Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-109

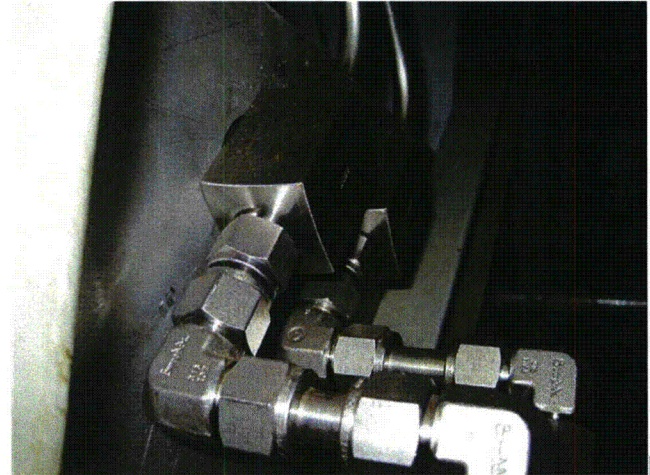
Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP SUCTION VALVE

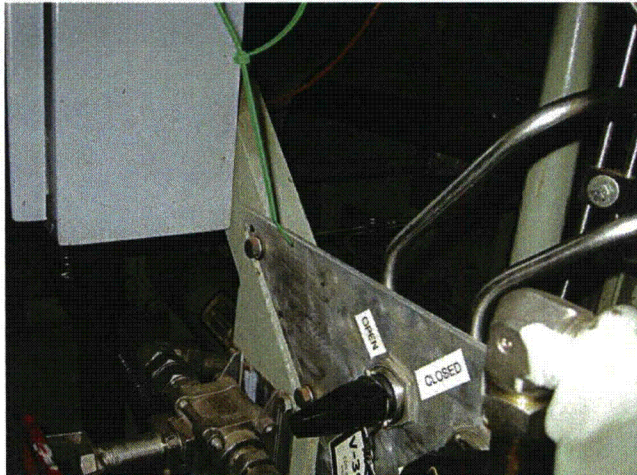
Photos



MG_1170



MG_1172



MG_1173

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-110

Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP DISCHARGE VALVE

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 23.00 ft, 01

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.: V-39-110

Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP DISCHARGE 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

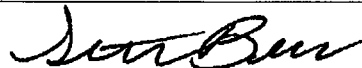
See SQ-OC-M-39-001 Rev 06

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

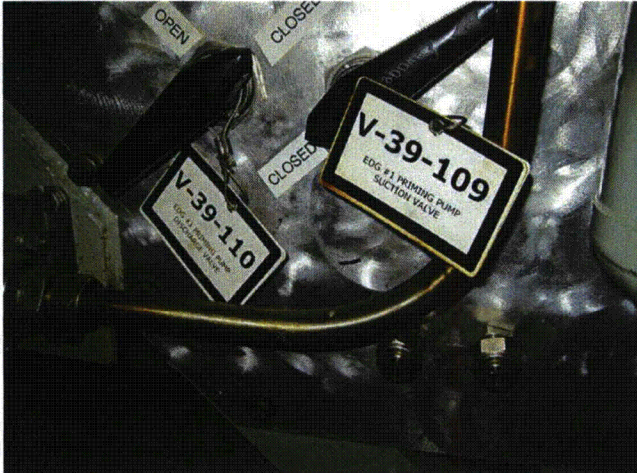
Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-110

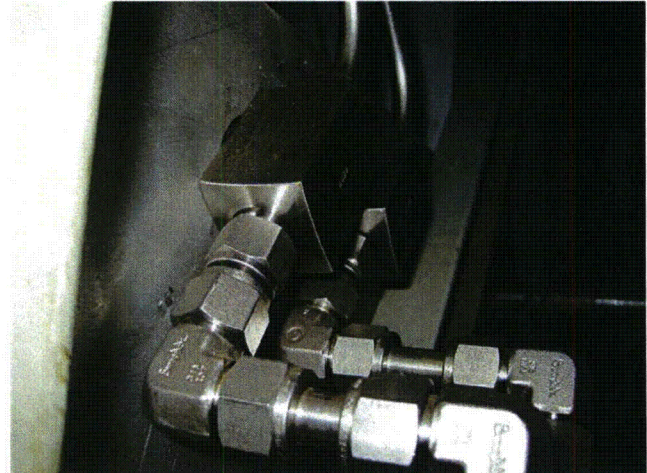
Equipment Class: (0) Other

Equipment Description: EDG1 PRIMING PUMP DISCHARGE VALVE

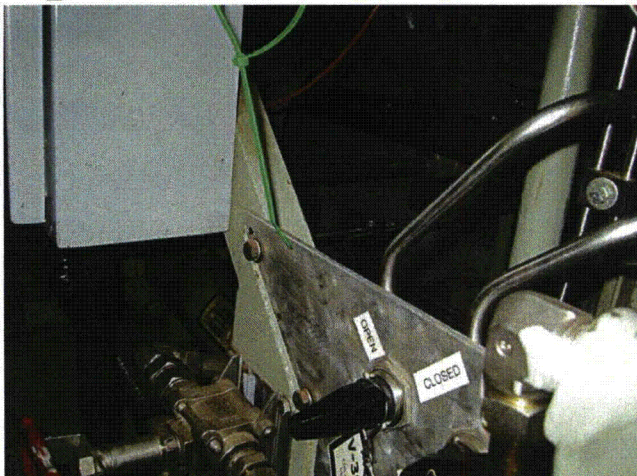
Photos



MG_1170



MG_1172



MG_1173

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-2

Equipment Class: (0) Other

Equipment Description: ISOLATION VALVE FOR TANK T-39-002 OUTLET

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): DG BLDG, 18.00 ft, 03

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.: V-39-2

Equipment Class: (0) Other

Equipment Description: ISOLATION VALVE FOR TANK T-39-002 OUTLET

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

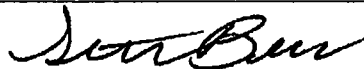
Comments

Evaluated by:



Wing Ho

Date: 10/10/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: V-39-2

Equipment Class: (0) Other

Equipment Description: ISOLATION VALVE FOR TANK T-39-002 OUTLET

Photos



IMG_4167



IMG_4169

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1

Equipment Class: (14) Distribution Panels

Equipment Description: 120V VITAL AC POWER PANEL 208/120V,3PH,4W,60HZ

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 10

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
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.: VACP-1

Equipment Class: (14) Distribution Panels

Equipment Description: 120V VITAL AC POWER PANEL 208/120V,3PH,4W,60HZ

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

See Seismic Qualification No. SQ-OC-VACP-1, Rev 0

Anchor bolts behind panel verified by touch.

Above panel is far enough away and has rigid enough support to preclude interaction.

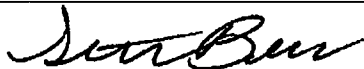
Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/10/12



Seth Baker

10/10/12

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1

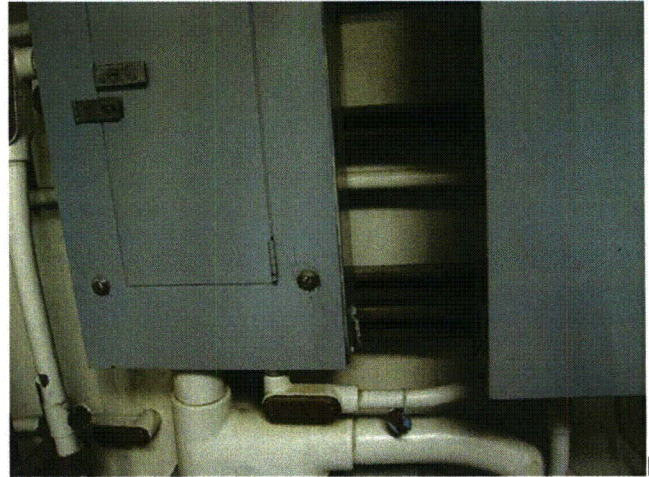
Equipment Class: (14) Distribution Panels

Equipment Description: 120V VITAL AC POWER PANEL 208/120V,3PH,4W,60HZ

Photos



MG_0929



MG_0931

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1 XF

Equipment Class: (4) Transformers

Equipment Description: 120V VITAL AC POWER PANEL TRANSFORMER 480/208/120V

Project: Oyster Creek SWEL

Location (Bldg, Elev, Room/Area): RB, 23.00 ft, 10

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
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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

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1 XF

Equipment Class: (4) Transformers

Equipment Description: 120V VITAL AC POWER PANEL TRANSFORMER 480/208/120V

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

Equipment was verified as consistent with SQ-OC-VACP-1 XFMR, Rev. 0

Calculation C-1302X-322C-A06 qualifies the Oyster Creek safety-related masonry walls for seismic to address NRC IE Bulletin 80-11.

Evaluated by:



Mark Etre

Date: 10/15/12



Seth Baker

10/15/12

Status: ☒ Y ☐ N ☐ U

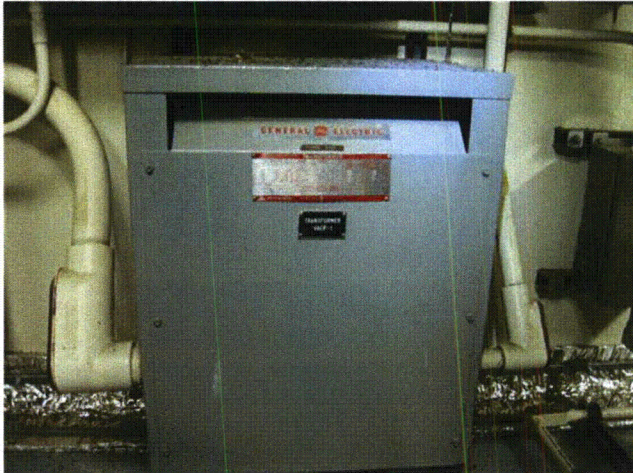
Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1 XF

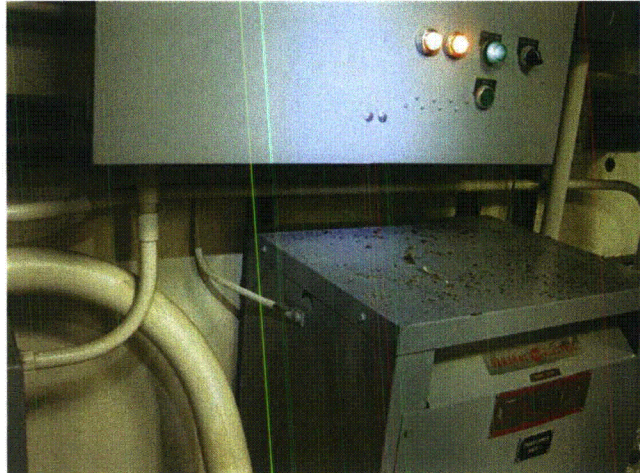
Equipment Class: (4) Transformers

Equipment Description: 120V VITAL AC POWER PANEL TRANSFORMER 480/208/120V

Photos



IMG_0920



IMG_0921

Status: ☒ Y ☐ N ☐ U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: VACP-1

Equipment Class: (14) Distribution Panels

Equipment Description: 120V VITAL AC POWER PANEL 208/120V,3PH,4W,60HZ

SQUG SEWS

EBASCO SERVICES INCORPORATED

Two World Trade Center, New York, N.Y. 10048

EBASCO

April 29, 1981

GPU Services Incorporated
Attention: Mr. Leon Garibian
100 Interpace Parkway
Parsippany, NJ 07054

Dear Leon:

Re: OYSTER CREEK NUCLEAR STATION
FINAL SUBMITTAL OF MASONRY WALL
EVALUATION CALCULATION BOOKS

I am sending to you, together with this letter, 20 volumes of calculation books and 11 volumes of computer output. This will mark the end of our involvement for the re-evaluation of the Safety-Related Concrete Masonry Walls as required by NRC IE Bulletin 80-11.

Should you have any questions regarding the calculations and sketches, please do not hesitate to call. We will be glad to help.

Very truly yours,

E Odar
E Odar
Assistant Chief Civil Engineer

GW:d1

cc: K D Chiu
G Wu

C1302X322CA06 VOL 1, 19810427, REEVALUATION OF CONCRETE MASONRY WALL NRC IE BULLETIN 80-11 GENERAL