

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 044**Equipment ID No. LT-2-3-58A Equip. Class¹ 18Equipment Description RV LEVEL SCRAM AND PCISLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N
2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Attached to rack.

¹ Enter the equipment class name from EPR1 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 044**Equipment ID No. LT-2-3-58A Equip. Class 18Equipment Description RV LEVEL SCRAM AND PCIS

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See *SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks* Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 044

Equipment ID No. LT-2-3-58A Equip. Class¹ 18

Equipment Description RV LEVEL SCRAM AND PCIS

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

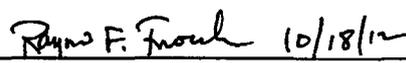
Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000209

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen  10/18/2012 Date: 10-09-2012

Raymond Tworek  10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

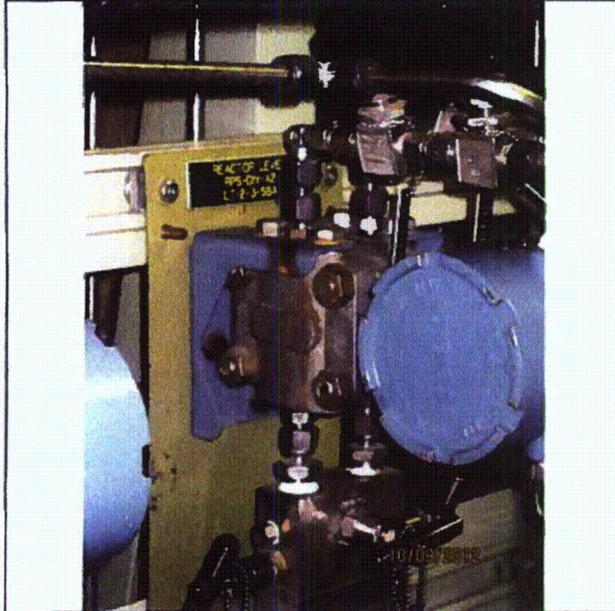
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Seismic Walkdown Checklist (SWC) SWEL1- 044

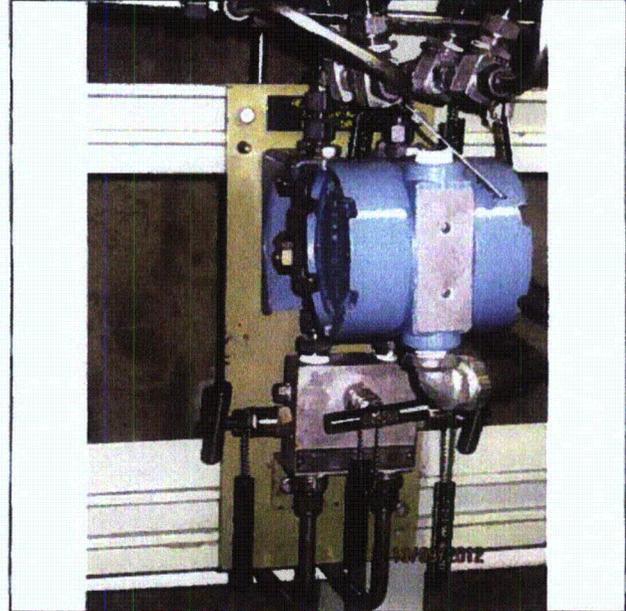
Equipment ID No. LT-2-3-58A Equip. Class¹ 18

Equipment Description RV LEVEL SCRAM AND PCIS

Photographs



Note: LT-2-3-58A



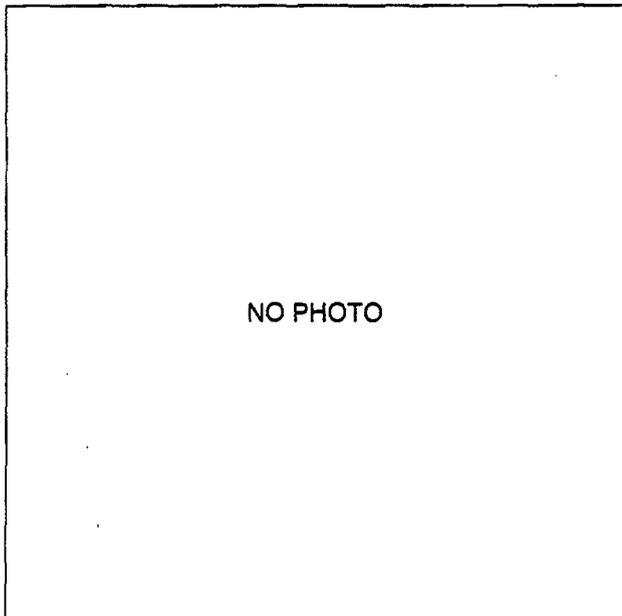
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Status: Y N U

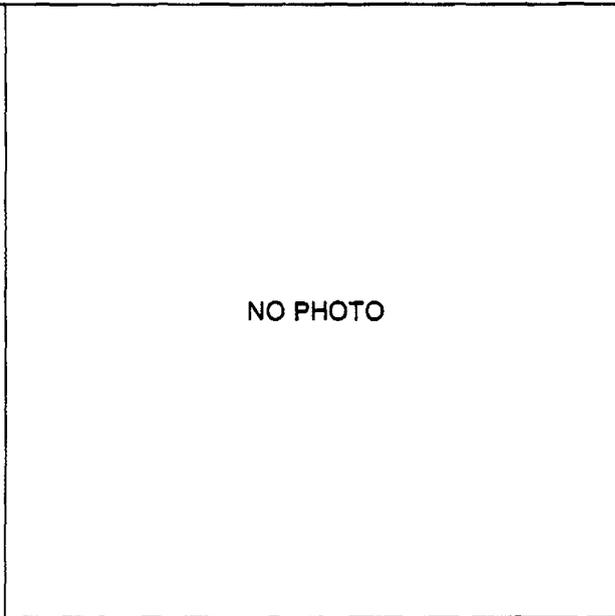
Seismic Walkdown Checklist (SWC) SWEL1- 044

Equipment ID No. LT-2-3-58A Equip. Class¹ 18

Equipment Description RV LEVEL SCRAM AND PCIS



NO PHOTO



NO PHOTO

Note:

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ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 045**Equipment ID No. LT-2-3-58B Equip. Class¹ 18Equipment Description RV LEVEL SCRAM AND PCISLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors?
Attached to rack. Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 045**Equipment ID No. LT-2-3-58B Equip. Class¹ 18Equipment Description RV LEVEL SCRAM AND PCIS

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See *SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks* Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 045

Equipment ID No. LT-2-3-58B Equip. Class 18

Equipment Description RV LEVEL SCRAM AND PCIS

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000210

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen  10/18/2012 Date: 10-09-2012

Raymond Tworek Raymond F. French 10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

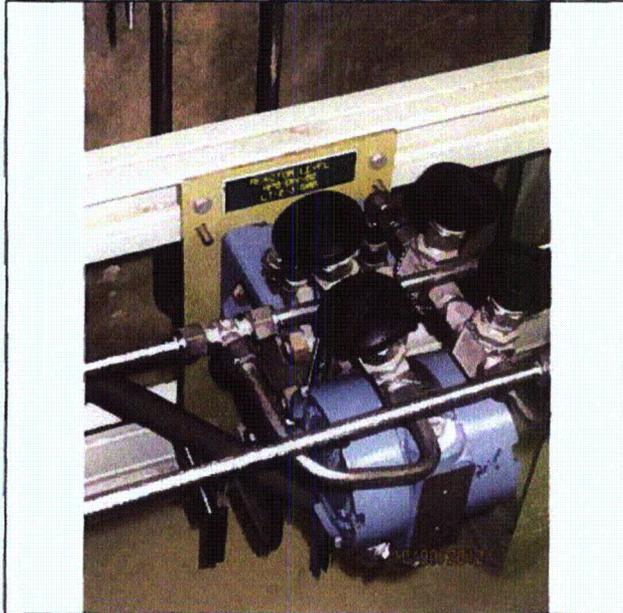
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Seismic Walkdown Checklist (SWC) SWEL1- 045

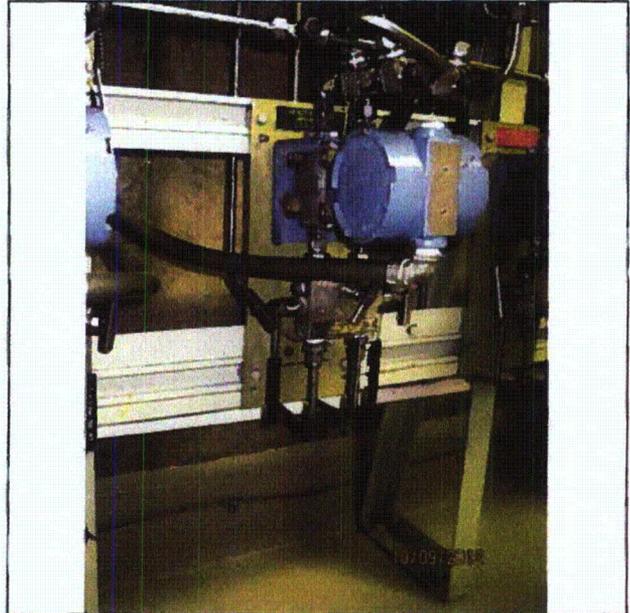
Equipment ID No. LT-2-3-58B Equip. Class¹ 18

Equipment Description RV LEVEL SCRAM AND PCIS

Photographs



Note: LT-2-3-58B



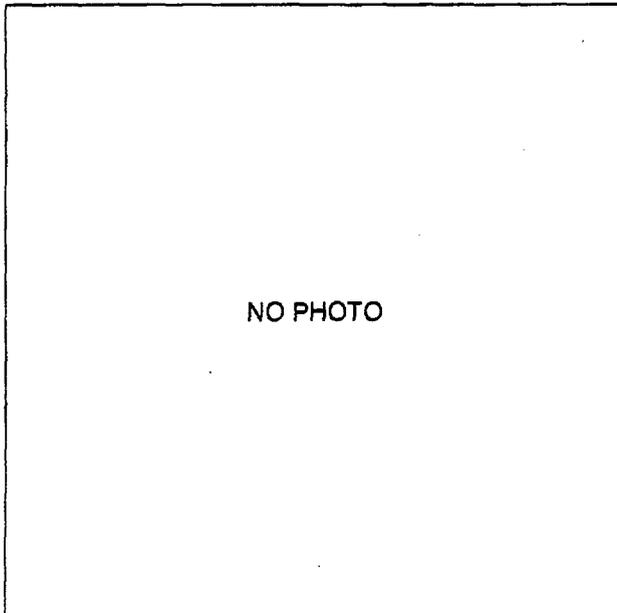
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Status: Y N U

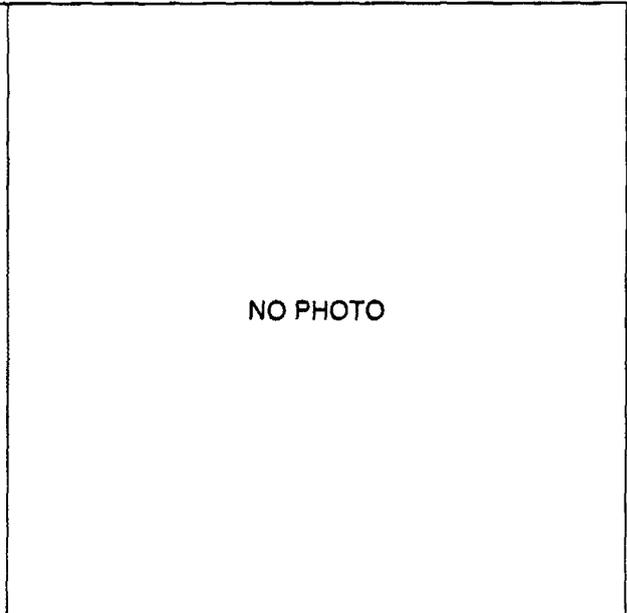
Seismic Walkdown Checklist (SWC) SWEL1- 045

Equipment ID No. LT-2-3-58B Equip. Class' 18

Equipment Description RV LEVEL SCRAM AND PCIS



NO PHOTO



NO PHOTO

Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 046Equipment ID No. PT-2-3-56A Equip. Class¹ 18Equipment Description RV PRESSURE ECCSLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Attached to rack.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 046**Equipment ID No. PT-2-3-56A Equip. Class¹ 18Equipment Description RV PRESSURE ECCS

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 046

Equipment ID No. PT-2-3-56A Equip. Class¹ 18

Equipment Description RV PRESSURE ECCS

Other Adverse Conditions

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

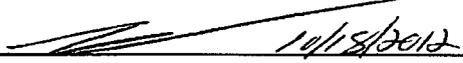
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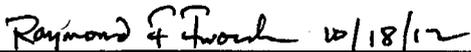
Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000213

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen  Date: 10-09-2012

Raymond Tworek  10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

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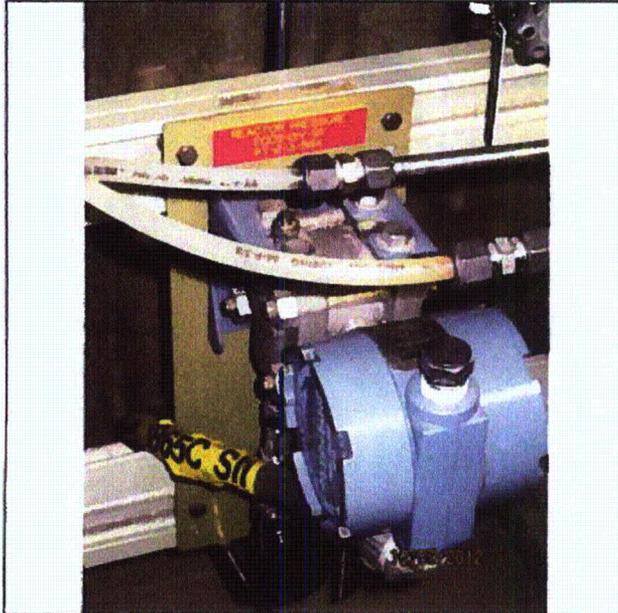
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Seismic Walkdown Checklist (SWC) SWEL1- 046

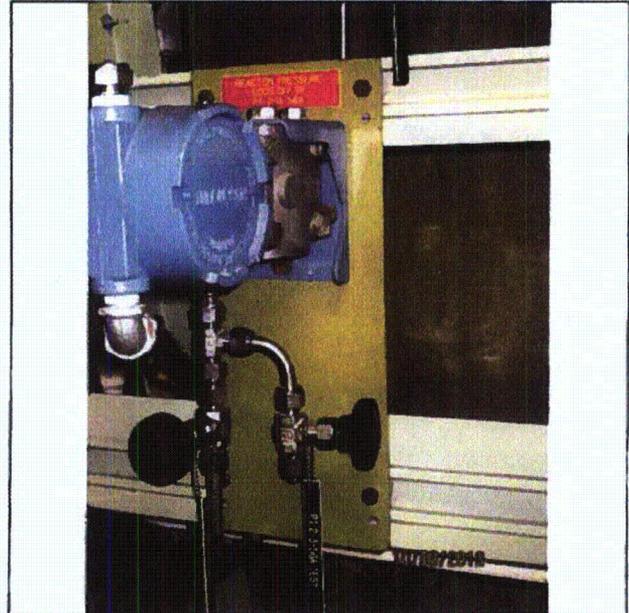
Equipment ID No. PT-2-3-56A Equip. Class¹ 18

Equipment Description RV PRESSURE ECCS

Photographs



Note: PT-2-3-56A



Note: PT-2-3-56A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

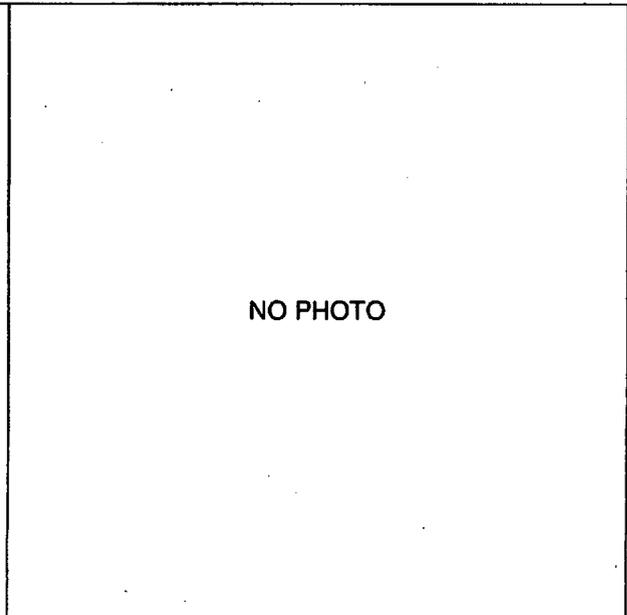
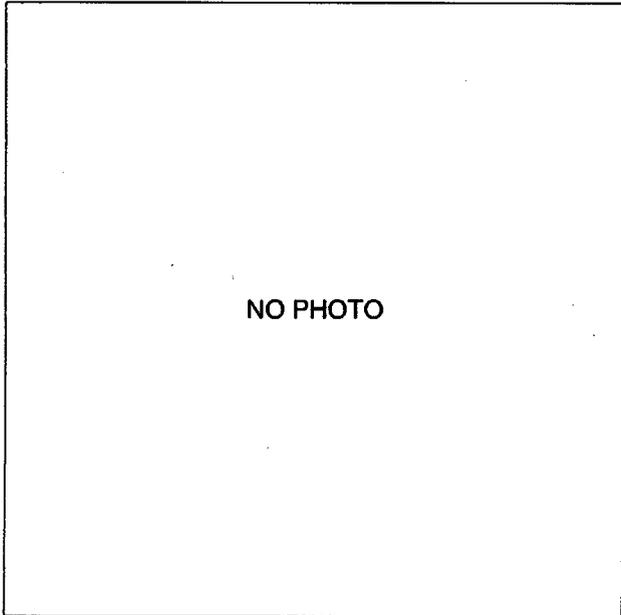
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 046

Equipment ID No. PT-2-3-56A Equip. Class¹ 18

Equipment Description RV PRESSURE ECCS



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ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 047**Equipment ID No. PT-2-3-56C Equip. Class¹ 18Equipment Description RV PRESSURE ECCSLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Attached to rack.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 047**Equipment ID No. PT-2-3-56C Equip. Class¹ 18Equipment Description RV PRESSURE ECCS

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 047

Equipment ID No. PT-2-3-56C Equip. Class' 18

Equipment Description RV PRESSURE ECCS

Other Adverse Conditions

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

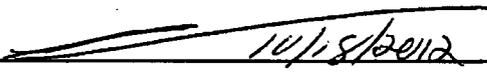
Comments (Additional pages may be added as necessary)

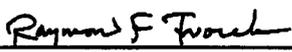
Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000215

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen  Date: 10-09-2012

Raymond Tworek  10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

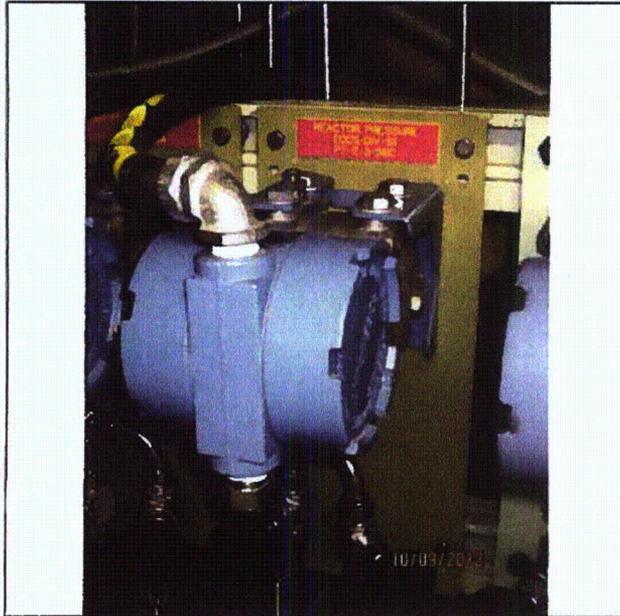
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Seismic Walkdown Checklist (SWC) SWEL1- 047

Equipment ID No. PT-2-3-56C Equip. Class¹ 18

Equipment Description RV PRESSURE ECCS

Photographs



Note: PT-2-3-56C



Note: PT-2-3-56C

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

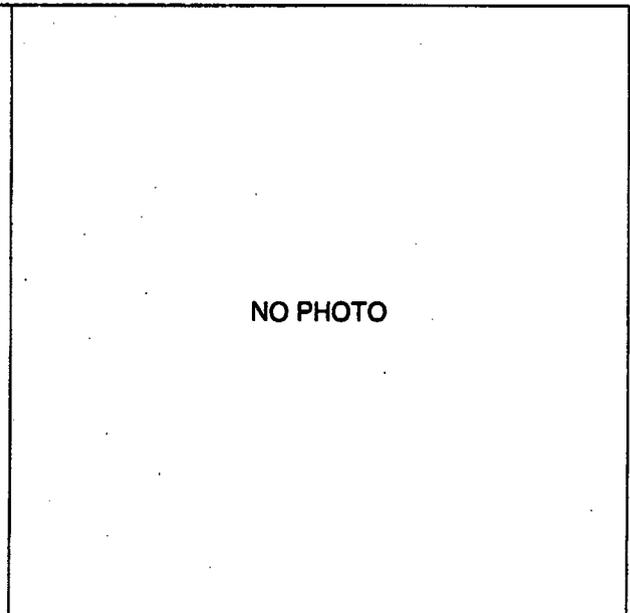
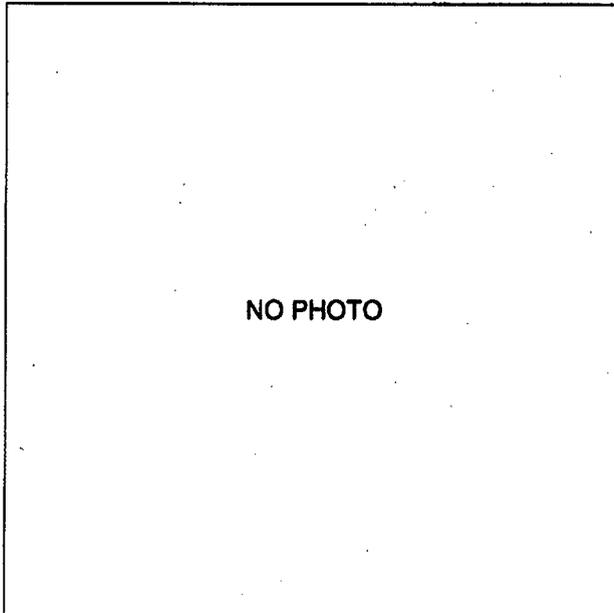
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 047

Equipment ID No. PT-2-3-56C Equip. Class¹ 18

Equipment Description RV PRESSURE ECCS



Note:

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 048

Equipment ID No. PT-2-3-55C Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

Location: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors?
Attached to rack. Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 048**Equipment ID No. PT-2-3-55C Equip. Class¹ 18Equipment Description RV PRESSURE SCRAM

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 048

Equipment ID No. PT-2-3-55C Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

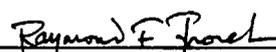
Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000219

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen  Date: 10-09-2012

Raymond Tworek  10/18/12 Date: 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

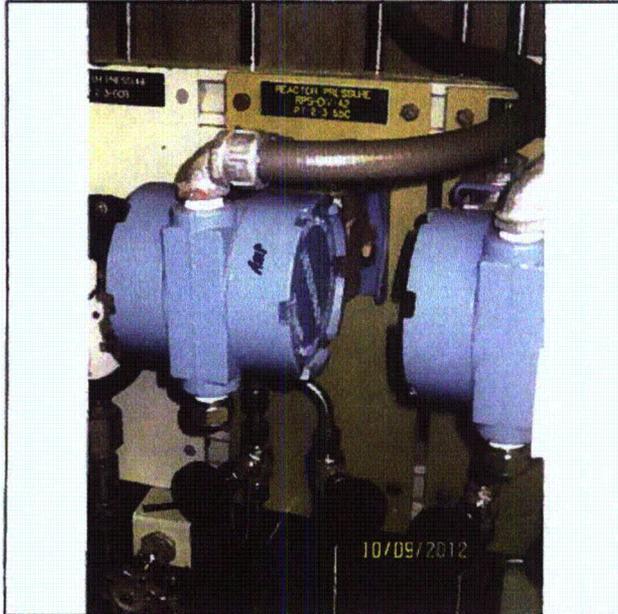
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Seismic Walkdown Checklist (SWC) SWEL1- 048

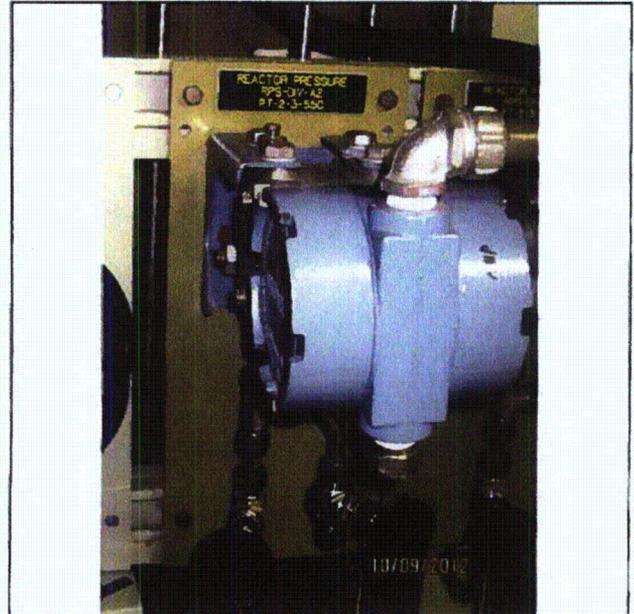
Equipment ID No. PT-2-3-55C Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

Photographs



Note: PT-2-3-55C



Note: PT-2-3-55C

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

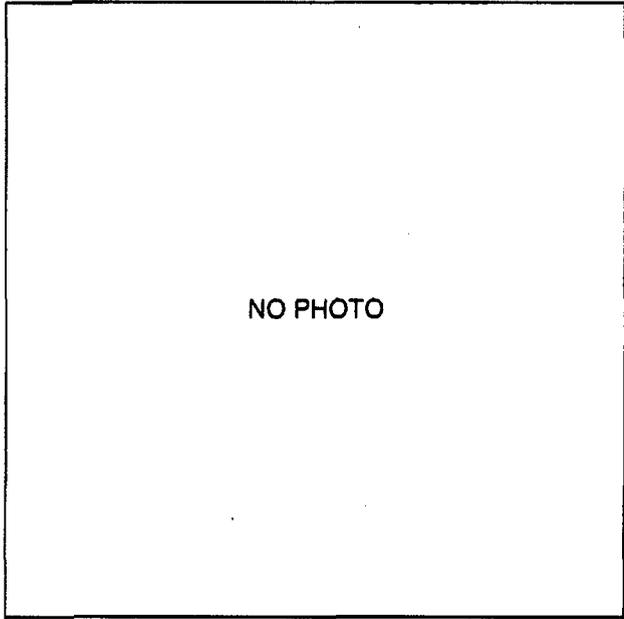
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 048

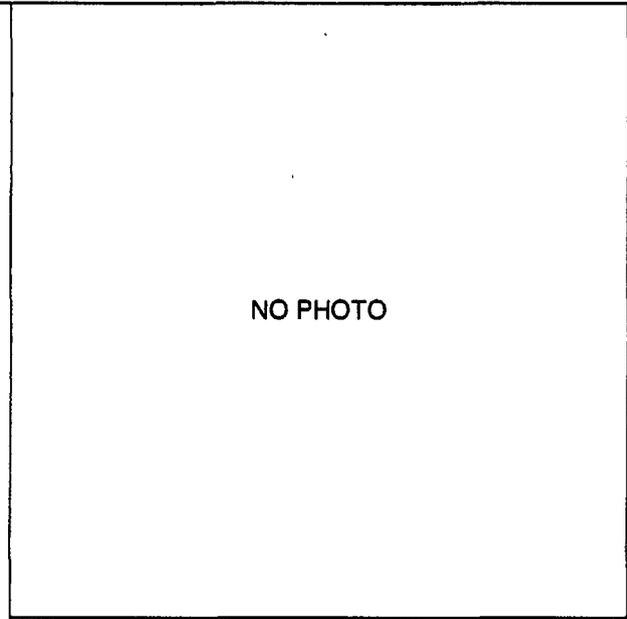
Equipment ID No. PT-2-3-55C Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM



NO PHOTO

Note:



NO PHOTO

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 049**Equipment ID No. PT-2-3-55D Equip. Class¹ 18Equipment Description RV PRESSURE SCRAMLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Attached to rack.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 049**Equipment ID No. PT-2-3-55D Equip. Class¹ 18Equipment Description RV PRESSURE SCRAM

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 049

Equipment ID No. PT-2-3-55D Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000220

SQUG, November 9-13, 1992, Section VB7, Equipment Category 7 Instruments on Racks

Evaluated by: Marcus Hecht-Nielsen 10/18/12 Date: 10-09-2012

Raymond Tworek Raymond F Tworek 10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

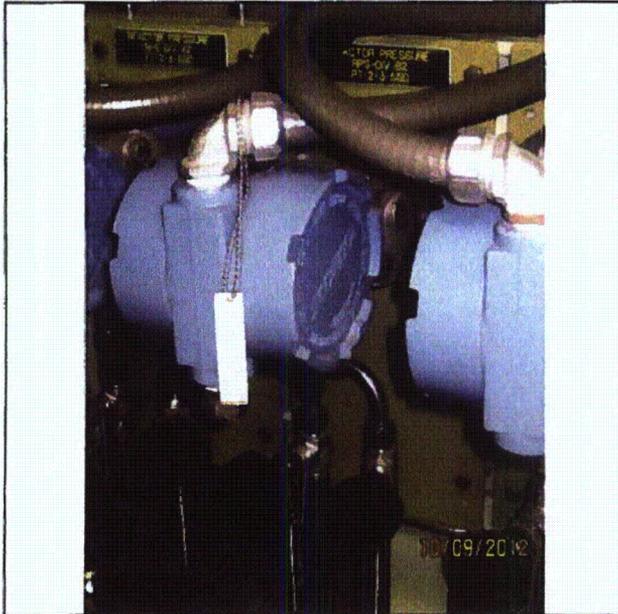
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Seismic Walkdown Checklist (SWC) SWEL1- 049

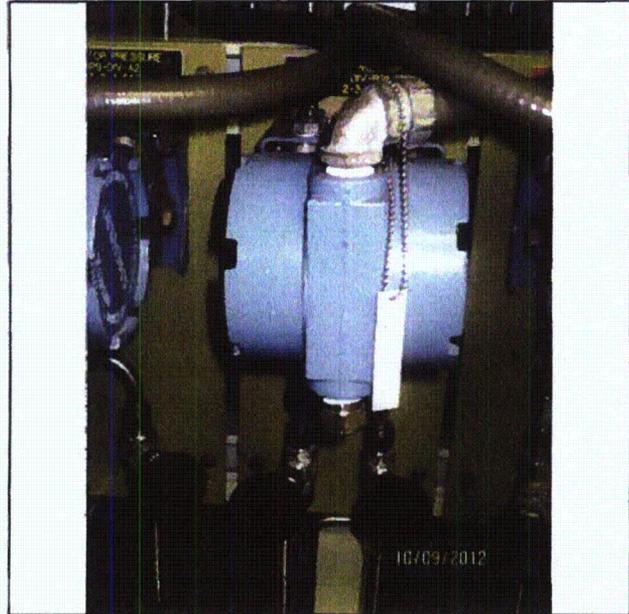
Equipment ID No. PT-2-3-55D Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

Photographs



Note: PT-2-3-55D



Note: PT-2-3-55D

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 049

Equipment ID No. PT-2-3-55D Equip. Class¹ 18

Equipment Description RV PRESSURE SCRAM

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 050**Equipment ID No. LT-2-3-73A Equip. Class¹ 18Equipment Description RV SHROUD LEVEL, CONT SPRAY PERMISSIVELocation: Bldg. RB Floor El. 252' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N
2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Equipment has a steel attachment.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 050**Equipment ID No. LT-2-3-73A Equip. Class¹ 18Equipment Description RV SHROUD LEVEL, CONT SPRAY PERMISSIVE

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.)
See drawing 5920-6200 Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of
potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 050

Equipment ID No. LT-2-3-73A Equip. Class¹ 18

Equipment Description RV SHROUD LEVEL, CONT SPRAY PERMISSIVE

Other Adverse Conditions

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

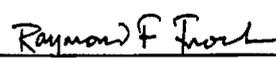
Comments (Additional pages may be added as necessary)

Reference Documents:

Drawing 5920-6200, Rev. 0

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000221

Evaluated by: Marcus Hecht-Nielsen  10/18/2012 Date: 10-04-12

Raymond Tworek  10/18/12 10-04-12

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

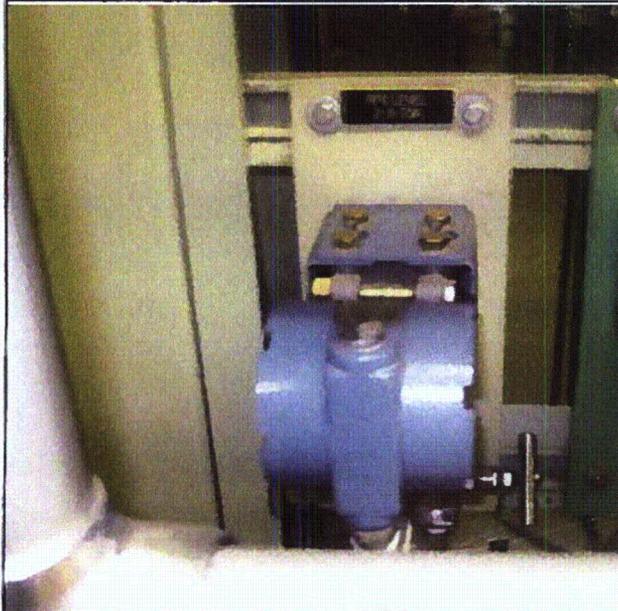
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Seismic Walkdown Checklist (SWC) SWEL1- 050

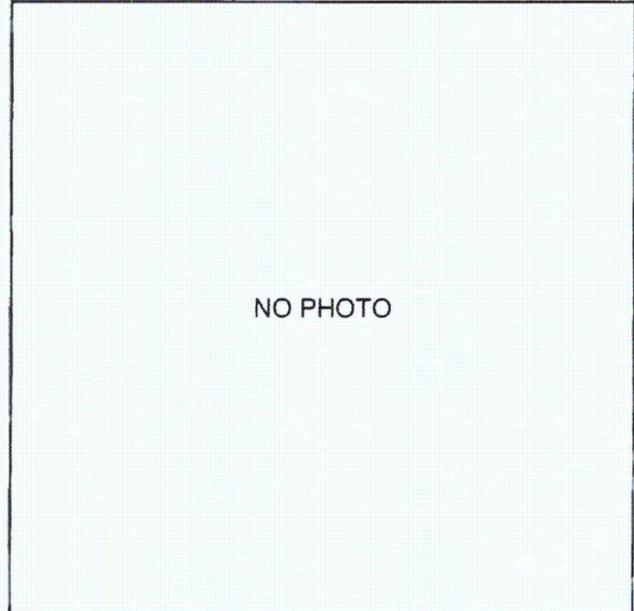
Equipment ID No. LT-2-3-73A Equip. Class¹ 18

Equipment Description RV SHROUD LEVEL, CONT SPRAY PERMISSIVE

Photographs



Note: LT-2-3-73A



NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

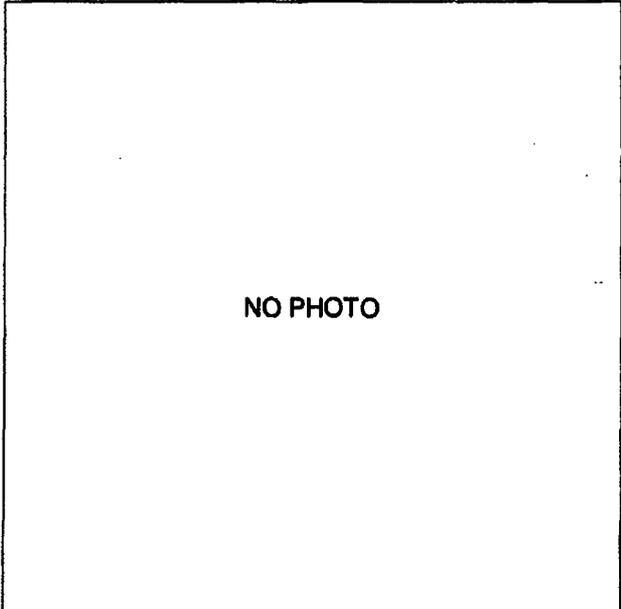
Sheet 5 of 5

Status: Y N U

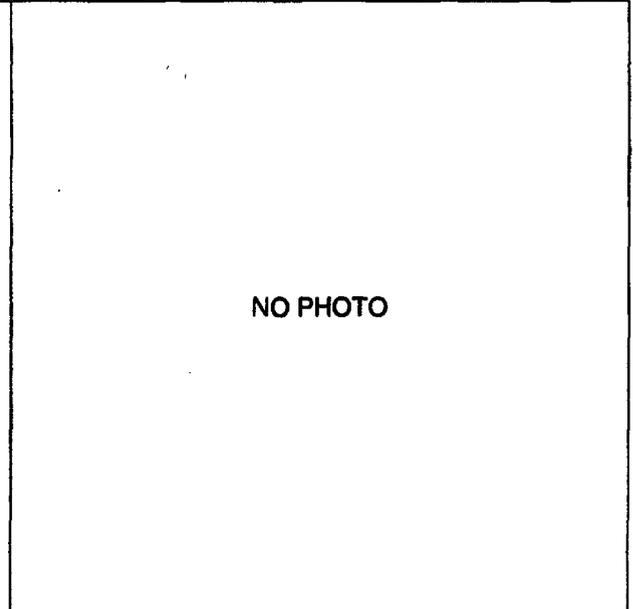
Seismic Walkdown Checklist (SWC) SWEL1- 050

Equipment ID No. LT-2-3-73A Equip. Class¹ 18

Equipment Description RV SHROUD LEVEL, CONT SPRAY PERMISSIVE



NO PHOTO



NO PHOTO

Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 051**Equipment ID No. PS-104-53A Equip. Class¹ 18Equipment Description SW/PUMP A PRESSURE SWITCHLocation: Bldg. IS Floor El. 237' Room, Area SW ROOM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 051Equipment ID No. PS-104-53A Equip. Class' 1BEquipment Description SW/PUMP A PRESSURE SWITCH

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See calculation 93-09 (SSEL Line No. 000227) Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 051

Equipment ID No. PS-104-53A Equip. Class¹ 18

Equipment Description SW/PUMP A PRESSURE SWITCH

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Calculation 93-09

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000227

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/02/2012

Randy Stephens Randy Stephens 10/18/2012 10/02/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

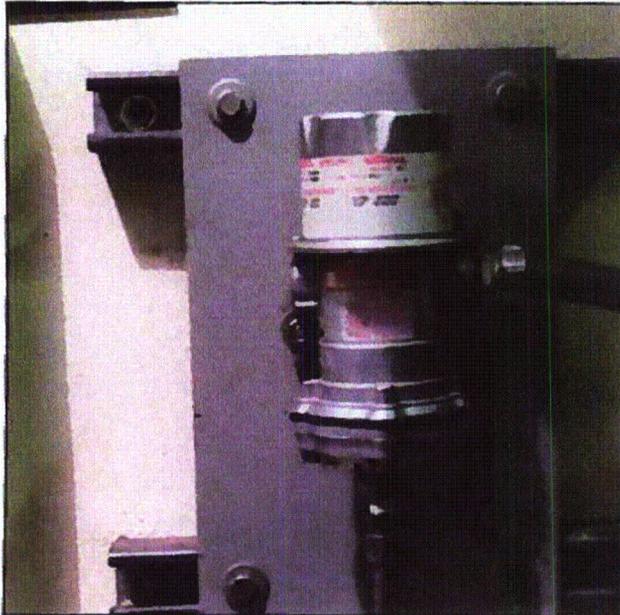
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Seismic Walkdown Checklist (SWC) SWEL1- 051

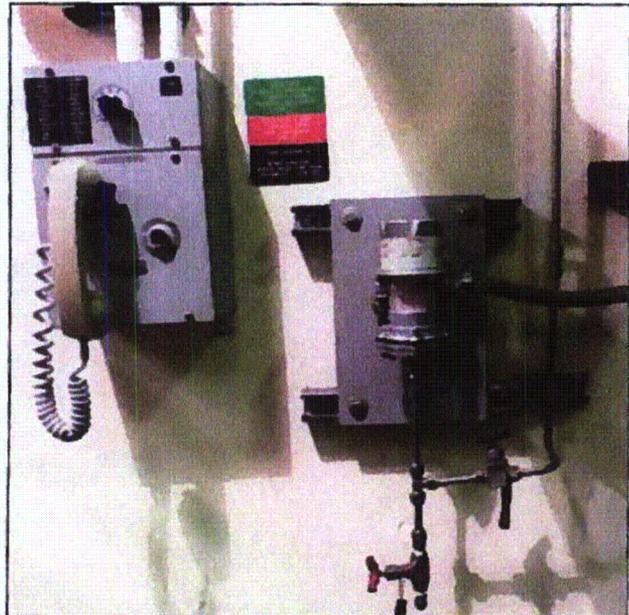
Equipment ID No. PS-104-53A Equip. Class¹ 18

Equipment Description SW/PUMP A PRESSURE SWITCH

Photographs



Note: Pressure Switch ID #PS-104-53A



Note: SW/PUMP A PRESSURE SWITCH

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

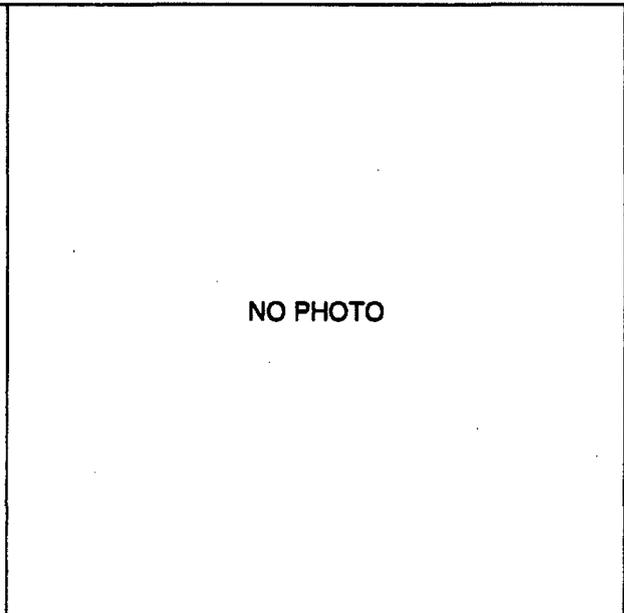
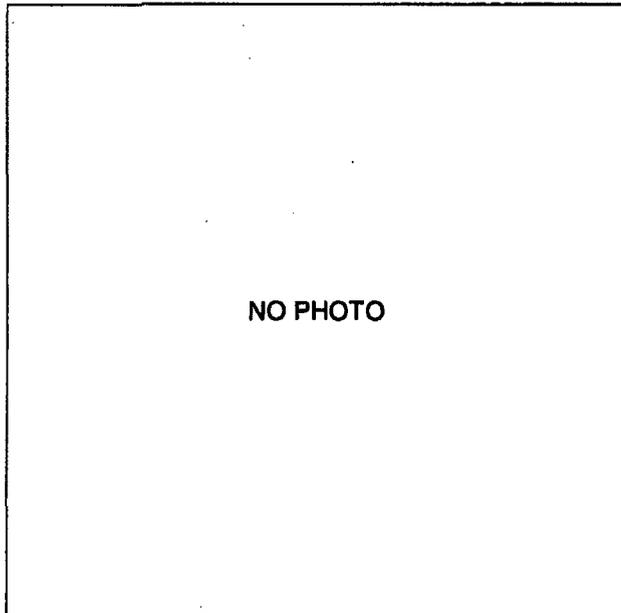
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 051

Equipment ID No. PS-104-53A Equip. Class¹ 18

Equipment Description SW/PUMP A PRESSURE SWITCH



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 056**Equipment ID No. TK-55-1A Equip. Class¹ 21 - TANKS & HEAT EXCHANGERSEquipment Description N2 AIR RECEIVERLocation: Bldg. RB Floor El. 303' Room, Area NWCR

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 056**Equipment ID No. TK-55-1A Equip. Class¹ 21 - TANKS & HEAT EXCHANGERSEquipment Description N2 AIR RECEIVER

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 056

Equipment ID No. TK-55-1A Equip. Class¹ 21 - TANKS & HEAT EXCHANGERS

Equipment Description N2 AIR RECEIVER

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Note: A gasket, not part of TK-55-1A is lying on a short section of pipe between the tank and flange (see photo page 4). No seismic concern.

Reference Documents:

A46/IPEEE - SSEL Line No. 000266

Drawing 5920-5017

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/10/2012

Randy Stephens Randy Stephens 10/18/2012 10/10/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

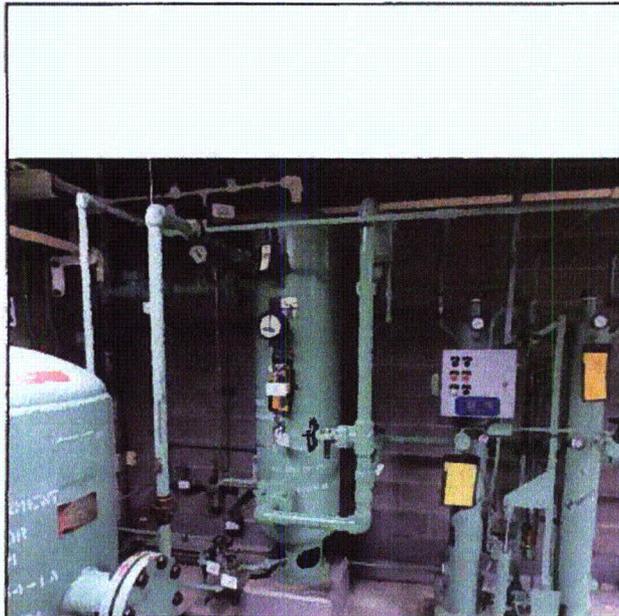
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 056

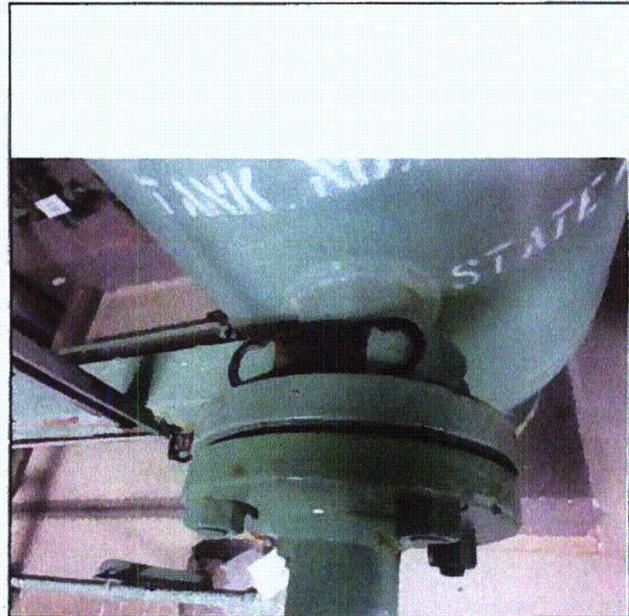
Equipment ID No. TK-55-1A Equip. Class¹ 21 - TANKS & HEAT EXCHANGERS

Equipment Description N2 AIR RECEIVER

Photographs



Note: N2 AIR RECEIVER ID# TK-55-1A



Note: Gasket lying on pipe between tank and flange.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

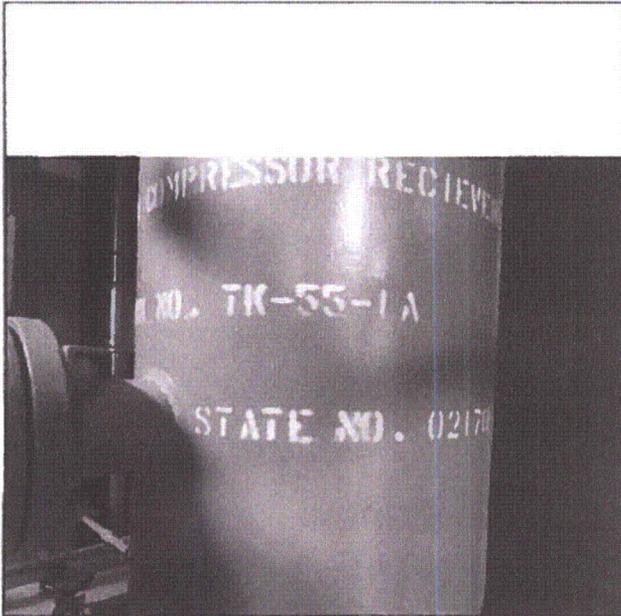
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 056

Equipment ID No. TK-55-1A Equip. Class¹ 21 - TANKS & HEAT EXCHANGERS

Equipment Description N2 AIR RECEIVER



Note: N2 AIR RECEIVER ID# TK-55-1A

NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 058

Equipment ID No. P-10-1D Equip. Class¹ 06

Equipment Description RHR/D RHR PUMP

Location: Bldg. RB Floor El. 213' Room, Area SECR

Manufacturer, Model, Etc. (optional but recommended) Bingham 16x18x26 CVIC

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

~~Y~~ ~~N~~ *JAA 10/24/12*
N 10-25-12

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

One of the bolts on base plate, in extreme left near the wall, is inaccessible due to insulated gaskets around the pipe and scaffolding built around it. All other bolts are found well secured on base plate. No seismic impact.

Y N U N/A

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

Y N U N/A

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

Y N U N/A

** CHANGED YES TO NO SINCE ONE OF THE BOLTS WAS NOT VISIBLE DURING INSPECTION*
JAA 10/24/12
[Signature] 10/25/12

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 058

Equipment ID No. P-10-1D Equip. Class¹ 06

Equipment Description RHR/D RHR PUMP

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
Ref: Drawing 5920-1611.

~~Y~~ N U N/A *HA 12/24/10*
SEE SHEET 1

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

Y N U

Interaction Effects

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 058

Equipment ID No. P-10-1D Equip. Class¹ 06

Equipment Description RHR/D RHR PUMP

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

Drawing 5920-1611, Sheet 1, Rev.8

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000279

One of the bolts on base plate is inaccessible due to area scaffolding and pipe insulation. 3 Bolts are accessible and fully secured on base plate. No seismic impact.

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Stephens 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

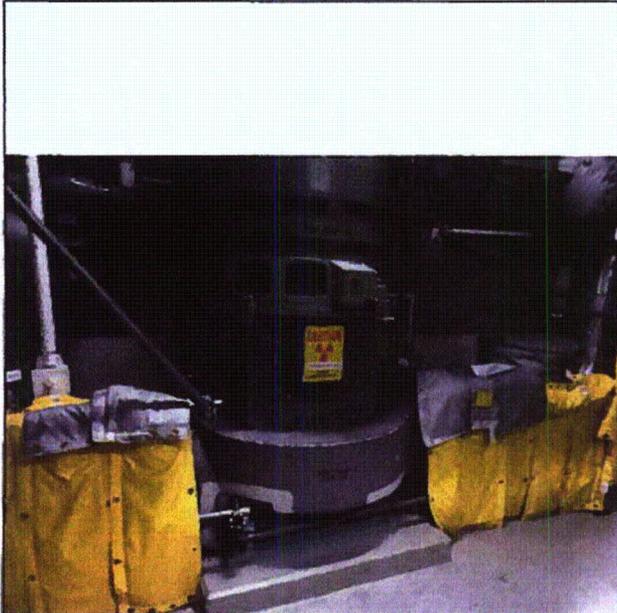
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 058

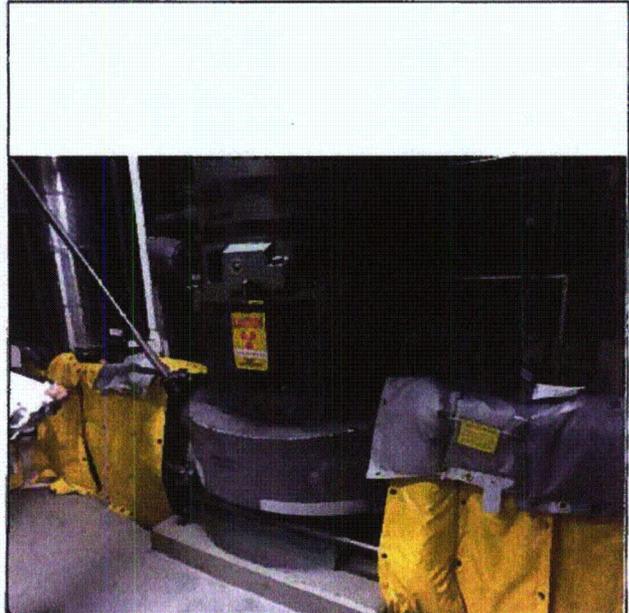
Equipment ID No. P-10-1D Equip. Class¹ 06

Equipment Description RHR/D RHR PUMP

Photographs



Note: RHR/D RHR PUMP ID# P-10-1D



Note: RHR/D RHR PUMP ID# P-10-1D

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

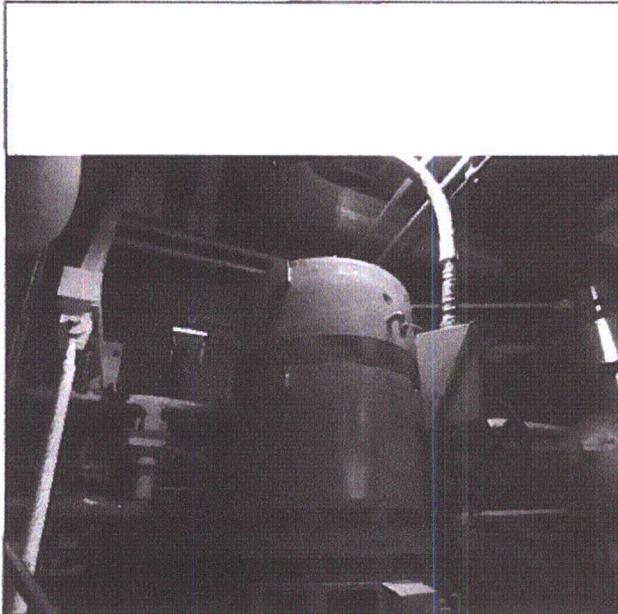
Sheet 5 of 5

Status: Y N U

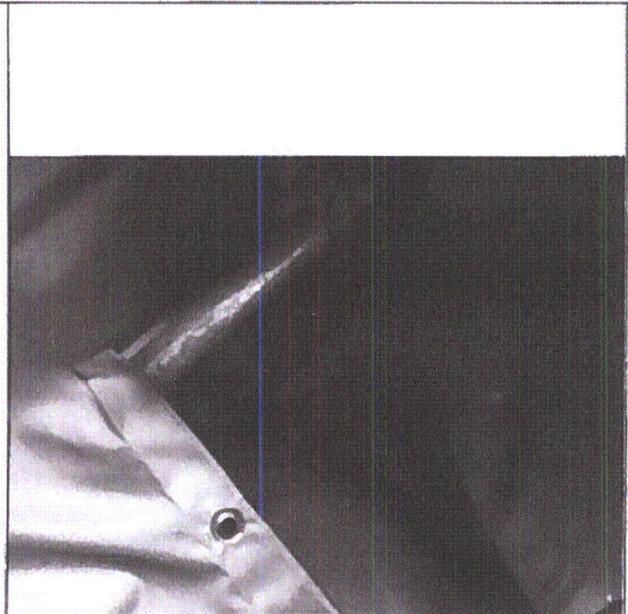
Seismic Walkdown Checklist (SWC) SWEL1- 058

Equipment ID No. P-10-1D Equip. Class¹ 06

Equipment Description RHR/D RHR PUMP



Note: RHR/D RHR PUMP ID# P-10-1D



Note: Left rear anchorage near the wall is not visible.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 059

Equipment ID No. V10-65B Equip. Class¹ 08A

Equipment Description RHR/HEAT XC BYPASS MOV

Location: Bldg. RB Floor El. 232' Room, Area SECR

Manufacturer, Model, Etc. (optional but recommended) 20" 300# Globe Valve with Limitorque SMB-4-200 Actuator

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N

- 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
In-line valve, no anchorage.

- 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 059

Equipment ID No. V10-65B Equip. Class¹ 08A

Equipment Description RHR/HEAT XC BYPASS MOV

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which
an anchorage configuration verification is required.) Y N U N/A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting,
and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 059

Equipment ID No. V10-65B Equip. Class¹ 08A

Equipment Description RHR/HEAT XC BYPASS MOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:
A46/IPEEE - SSEL Line No. 000281

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Stephens 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

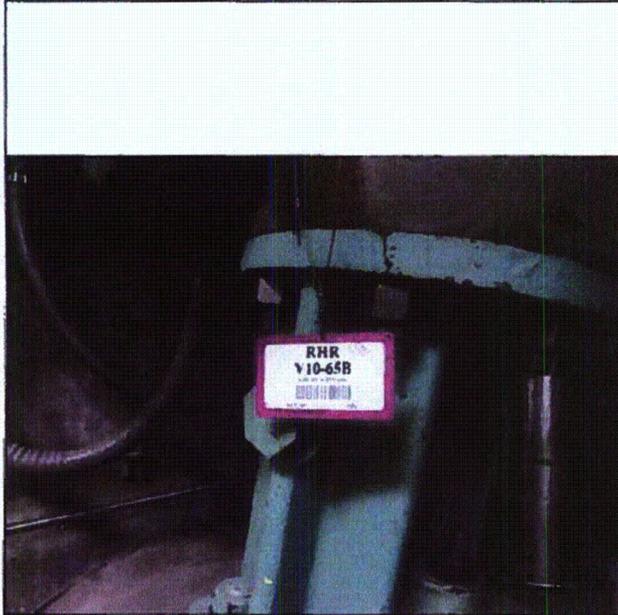
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 059

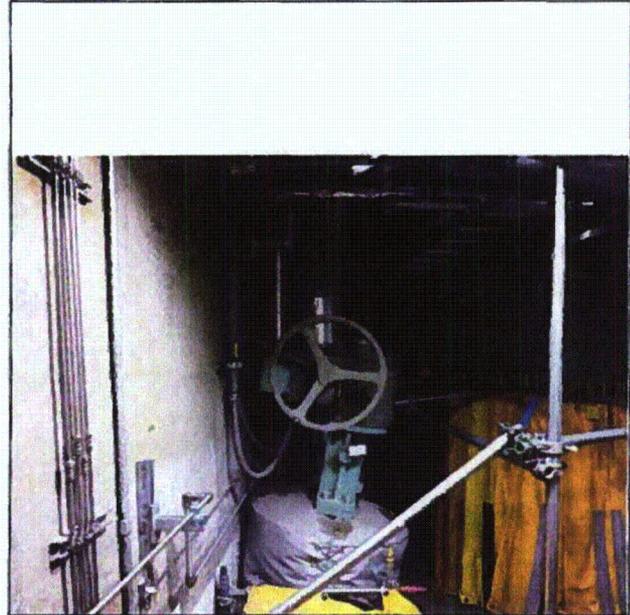
Equipment ID No. V10-65B Equip. Class¹ 08A

Equipment Description RHR/HEAT XC BYPASS MOV

Photographs



Note: ID# V10-65B



Note: MOV ID# V10-65B

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

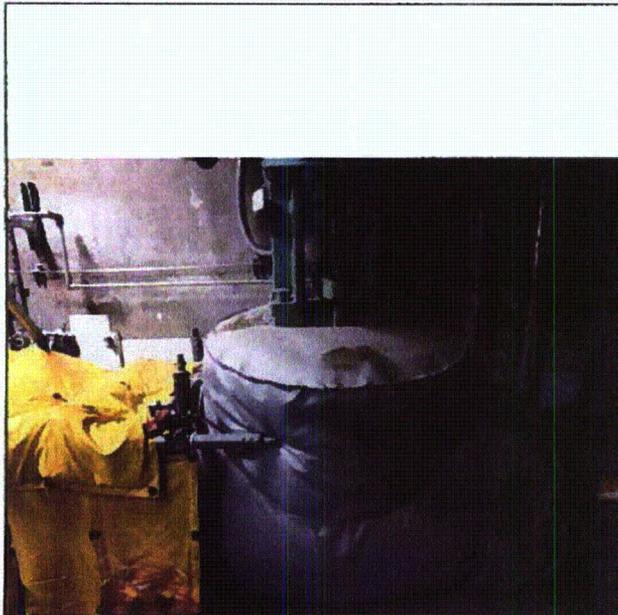
Sheet 5 of 5

Status: Y N U

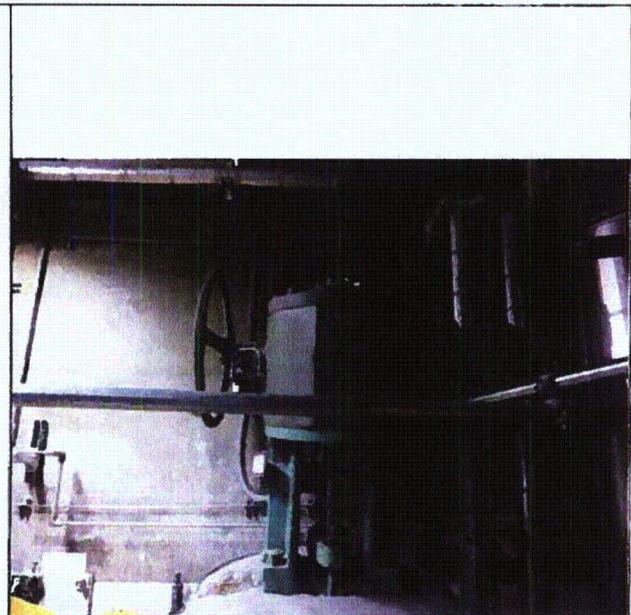
Seismic Walkdown Checklist (SWC) SWEL1- 059

Equipment ID No. V10-65B Equip. Class¹ 08A

Equipment Description RHR/HEAT XC BYPASS MOV



Note: MOV ID# V10-65B



Note: MOV ID# V10-65B

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 060**Equipment ID No. V10-27A Equip. Class¹ 08AEquipment Description RHR/LPCI INJECTION MOVLocation: Bldg. RB Floor El. 252' Room, Area _____Manufacturer, Model, Etc. (optional but recommended) 24" 600 Series Rockwell Globe Valve**Instructions for Completing Checklist**

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 060Equipment ID No. V10-27A Equip. Class¹ 08AEquipment Description RHR/LPCI INJECTION MOV

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 060

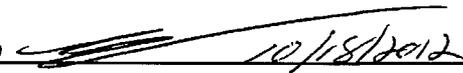
Equipment ID No. V10-27A Equip. Class¹ 08A

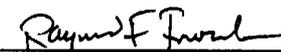
Equipment Description RHR/LPCI INJECTION MOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Evaluated by: Marcus Hecht-Nielsen  Date: 10-04-2012

Raymond Tworek  10/18/12 10-04-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

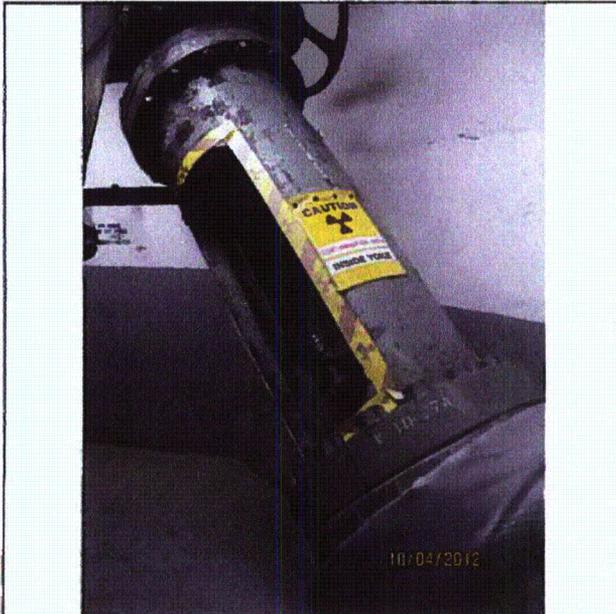
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 060

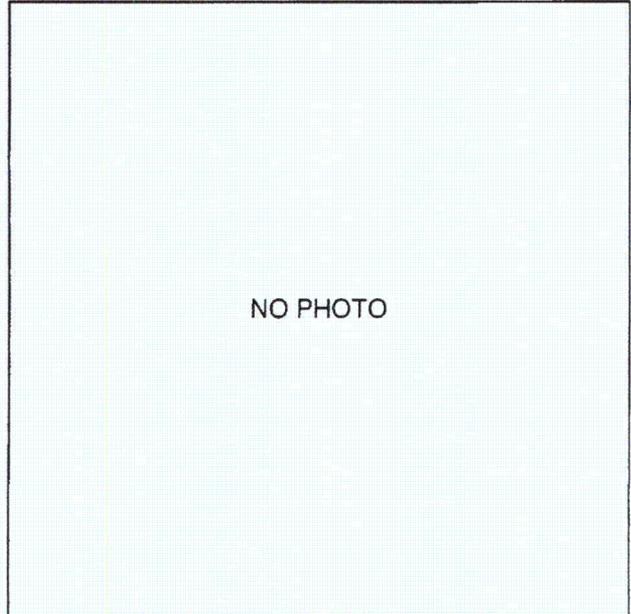
Equipment ID No. V10-27A Equip. Class¹ 08A

Equipment Description RHR/LPCI INJECTION MOV

Photographs



Note: V10-27A



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

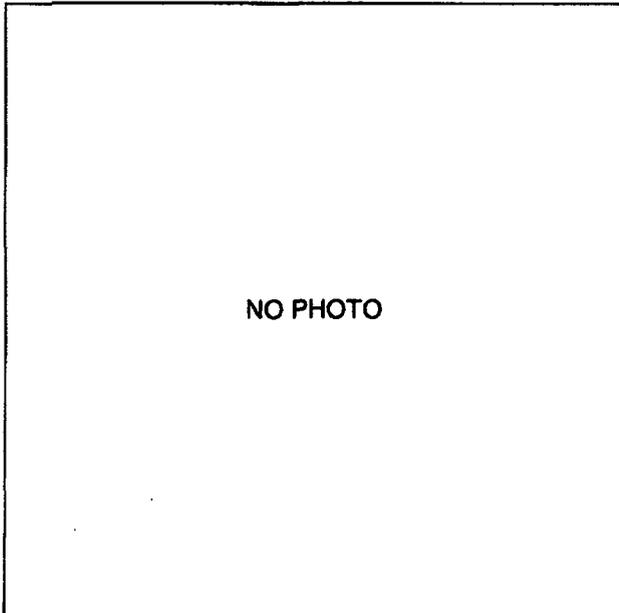
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 060

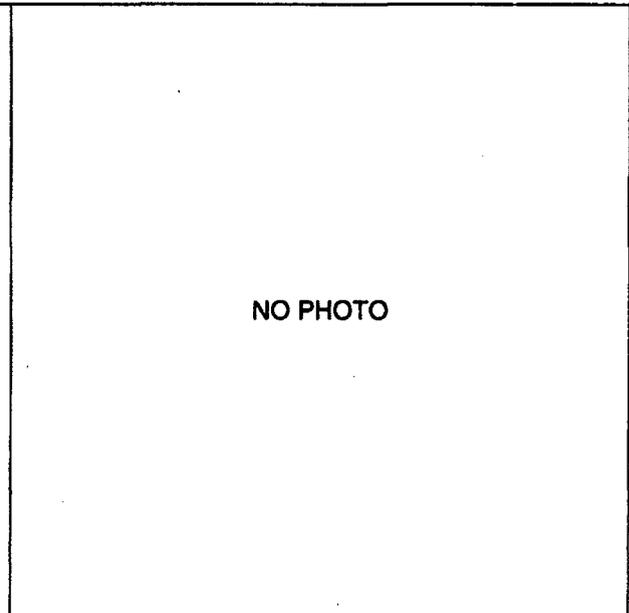
Equipment ID No. V10-27A Equip. Class' 08A

Equipment Description RHR/LPCI INJECTION MOV



NO PHOTO

Note:



NO PHOTO

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 061**Equipment ID No. P-8-1C Equip. Class¹ 06Equipment Description BHRSW/C RHRSW PUMPLocation: Bldg. RB Floor El. 232' Room, Area NECR

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 061**Equipment ID No. P-8-1C Equip. Class¹ 06Equipment Description RHRSW/C RHRSW PUMP

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SSEL Line No. 000306 and drawing 5920-3855. Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 061

Equipment ID No. P-8-1C Equip. Class¹ 06

Equipment Description RHRSW/C RHRSW PUMP

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

Drawing 5920-3855

A46/IPEEE - SSEL Line No. 000306

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Stephens 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

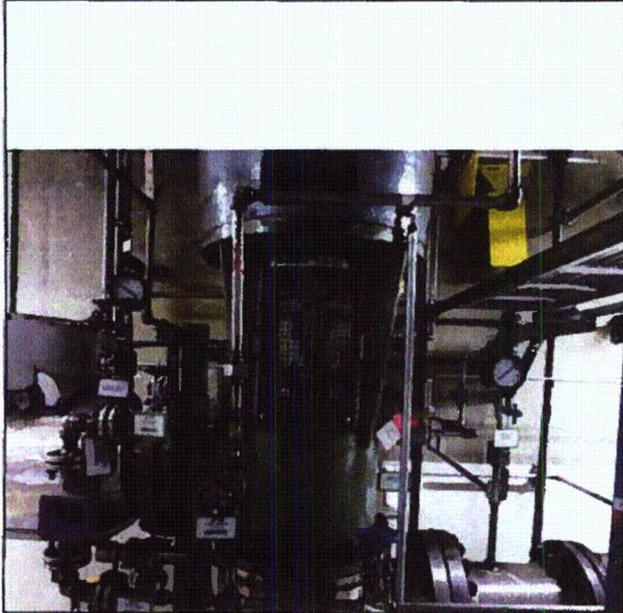
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 061

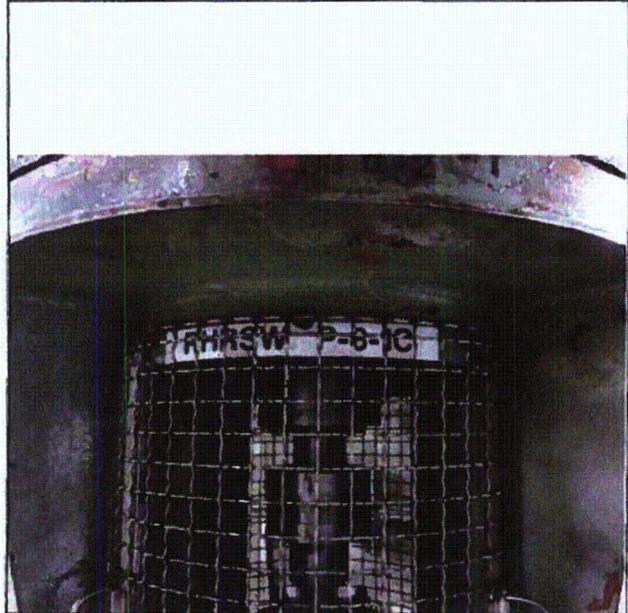
Equipment ID No. P-8-1C Equip. Class¹ 06

Equipment Description RHRSW/C RHRSW PUMP

Photographs



Note: RHRSW PUMP ID # P-8-1C



Note: RHRSW PUMP ID # P-8-1C

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

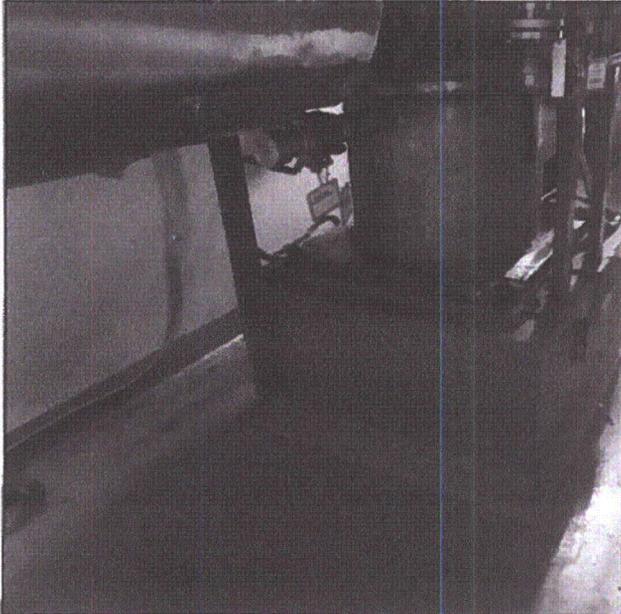
Sheet 5 of 5

Status: Y N U

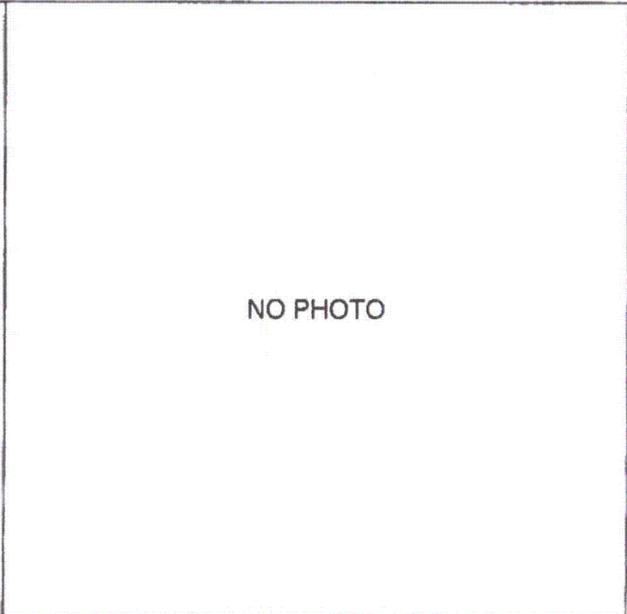
Seismic Walkdown Checklist (SWC) SWEL1- 061

Equipment ID No. P-8-1C Equip. Class¹ 06

Equipment Description RHRSW/C RHRSW PUMP



Note: Lower view of RHRSW PUMP ID # P-8-1C



Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 062**Equipment ID No. V10-89A Equip. Class¹ 08BEquipment Description RHRSW/SW SUPPLY MOVLocation: Bldg. RB Floor El. 232' Room, Area NECR

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware?
In-line valve, no anchorage. Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 062**Equipment ID No. V10-89A Equip. Class¹ 08BEquipment Description RHRSW/SW SUPPLY MOV

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 062

Equipment ID No. V10-89A Equip. Class' 08B

Equipment Description RHRSW/SW SUPPLY MOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE - SSEL Line No. 000312

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Steph 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

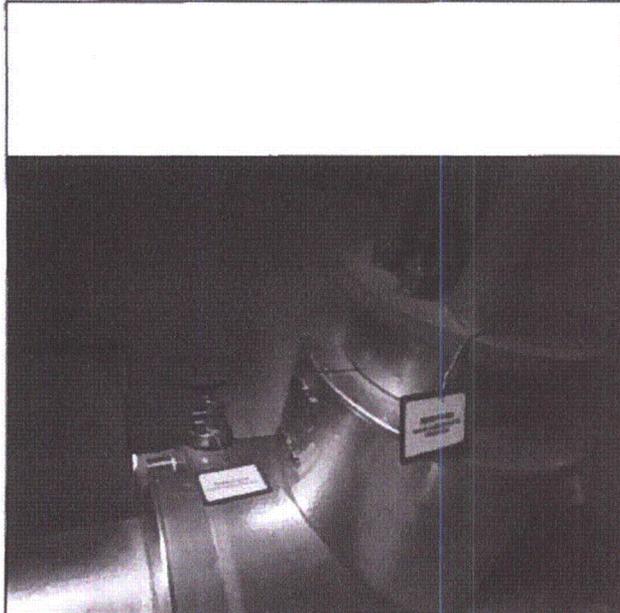
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Seismic Walkdown Checklist (SWC) SWEL1- 062

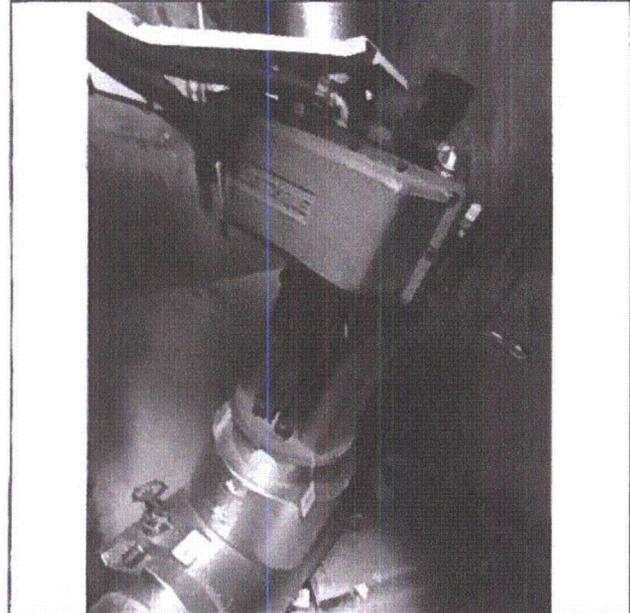
Equipment ID No. V10-89A Equip. Class¹ 08B

Equipment Description RHRSW/SW SUPPLY MOV

Photographs



Note: RHRSW/SW SUPPLY MOV ID # V10-89A



Note: RHRSW/SW SUPPLY MOV ID # V10-89A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 062

Equipment ID No. V10-89A Equip. Class¹ 08B

Equipment Description RHRSW/SW SUPPLY MOV

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 063**Equipment ID No. SP-70-3A Equip. Class¹ 07Equipment Description BACK WASH FLOW CONTROL VALVELocation: Bldg. IS Floor El. 237' Room, Area SW ROOM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware?
In-line valve, no anchorage. Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 063**Equipment ID No. SP-70-3A Equip. Class¹ 07Equipment Description BACK WASH FLOW CONTROL VALVE

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?
Small light bulb with light fixture hanging above. Fixture is firmly attached to the ceiling. Bulb is very light in weight to damage any component on the switch. Y N U N/A
9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 063

Equipment ID No. SP-70-3A Equip. Class¹ 07

Equipment Description BACK WASH FLOW CONTROL VALVE

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawing 5920-1811

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000314

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/02/2012

Randy Stephens Randy Stephens 10/18/2012 10/02/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

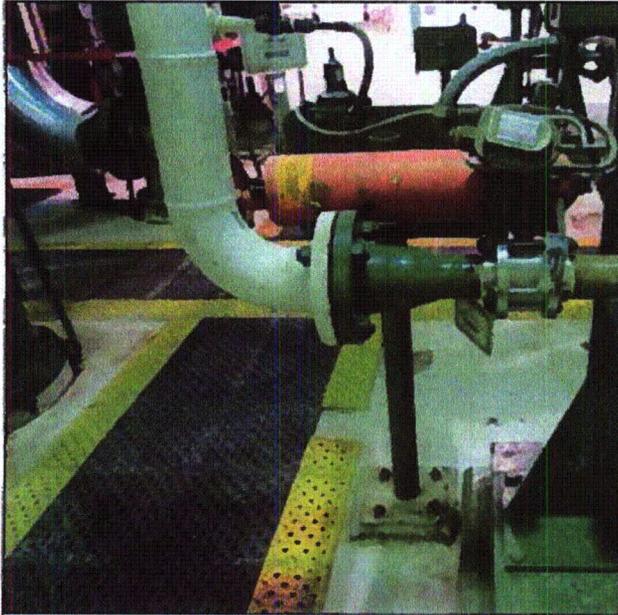
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 063

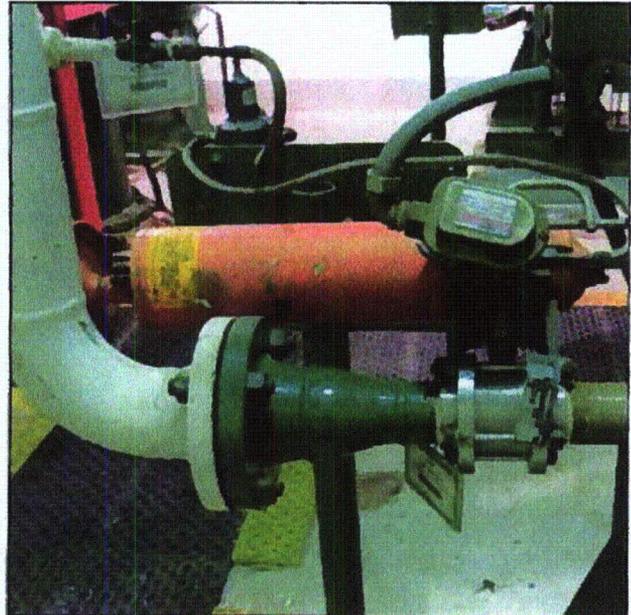
Equipment ID No. SP-70-3A Equip. Class¹ 07

Equipment Description BACK WASH FLOW CONTROL VALVE

Photographs



Note: ID# SP-70-3A



Note: ID# SP-70-3A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

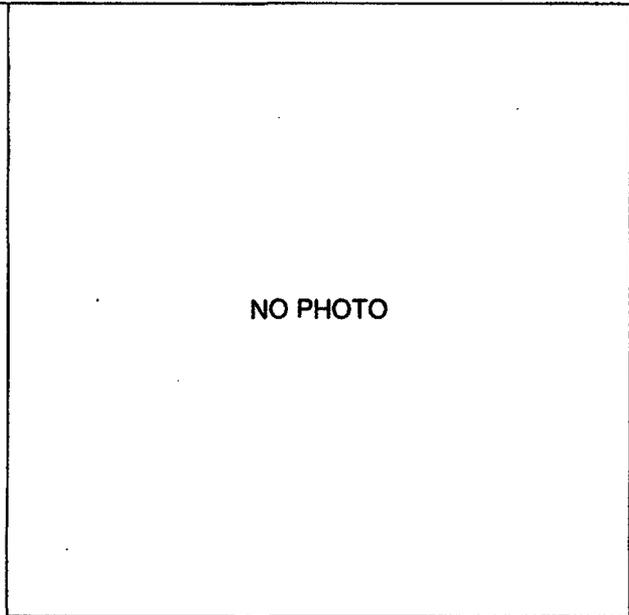
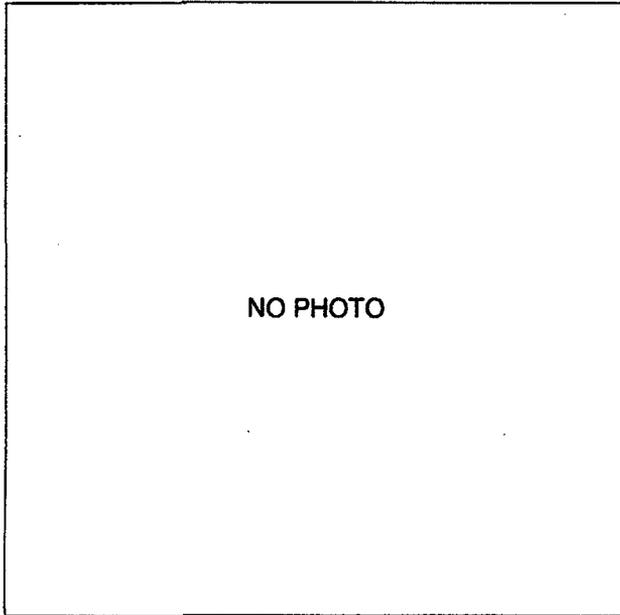
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 063

Equipment ID No. SP-70-3A Equip. Class' 07

Equipment Description BACK WASH FLOW CONTROL VALVE



Note:

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 064Equipment ID No. P-7-1C Equip. Class¹ 06Equipment Description Intake SW PUMPLocation: Bldg. IS Floor El. 237" Room, Area SW ROOM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
The grout pad has cracks, but does not affect seismic performance or reliability.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 064**Equipment ID No. P-7-1C Equip. Class¹ 06Equipment Description Intake SW PUMP

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See drawing 5920-3947

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A
There are some small gaps in the insulation at the connection of the line to the pump, however, not a seismic concern.

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 064

Equipment ID No. P-7-1C Equip. Class' 06

Equipment Description Intake SW PUMP

Other Adverse Conditions

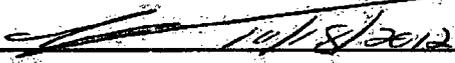
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3947 and 5920-4602

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000320

Evaluated by: Marcus Hecht-Nielsen  Date: 10-02-2012

Raymond Tworek  10/18/12 10-02-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 064

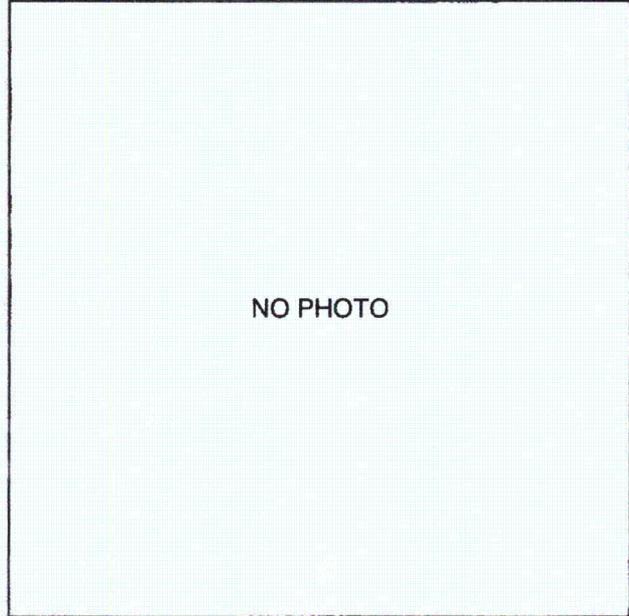
Equipment ID No. P-7-1C Equip. Class¹ 06

Equipment Description Intake SW PUMP

Photographs



Note: P-7-1C



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 064

Equipment ID No. P-7-1C Equip. Class' 06

Equipment Description Intake SW PUMP

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-065

Equipment ID No. LCB 150-108-03 *10/25/12* Equip. Class' 08-B SOLENOID OPERATED VALVES

Equipment Description FUEL OIL TANK VALVE

Location: Bldg. F.O. Floor El. 242' Room, Area FUEL OIL TANK

Manufacturer, Model, Etc. (optional but recommended) AGCO 8342A2 ACF-70-14-2-RH-WKH

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
In-line valve, no anchorage.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

** REVISED TO REFLECT ACTUAL WALKDOWN OF THE SOLENOID VALVE, NOT JUST THE SOLENOID.*
Jules [Signature] 10/24/12
[Signature] 10/25/12

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-065

Equipment ID No. ^{LCV} ~~LSO-108-03~~ ^{FOR 10/24/11} ~~10-2515~~ Equip. Class' 08-B SOLENOID OPERATED VALVES

Equipment Description FUEL OIL TANK VALVE

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-065

Equipment ID No. ^{LCV} ESG-108-03 ^{OUT 10/15/12} Equip. Class' 08-B SOLENOID OPERATED VALVES

Equipment Description ¹⁰⁻²⁵⁻¹² FUEL OIL TANK VALVE

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Note: Original inspection completed 10/15/2012. Photo taken 10/16/2012.

Referenced Documents:

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000394

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/16/2012

Randy Stephens Randy Stephens 10/18/2012 10/16/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

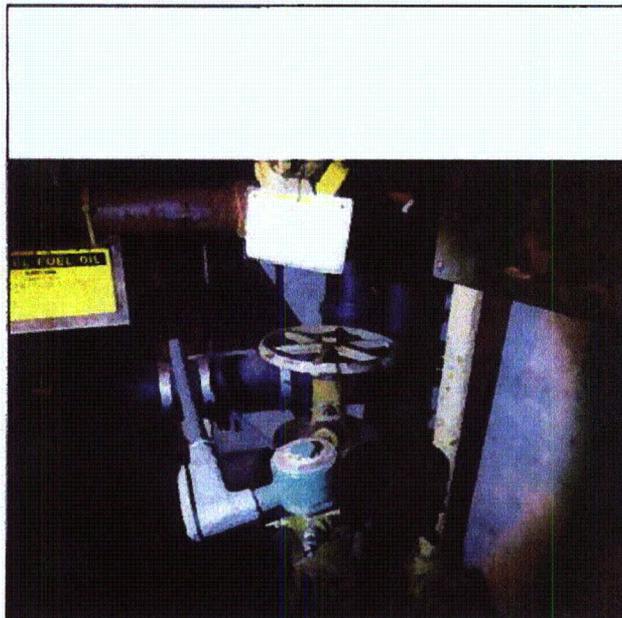
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-065

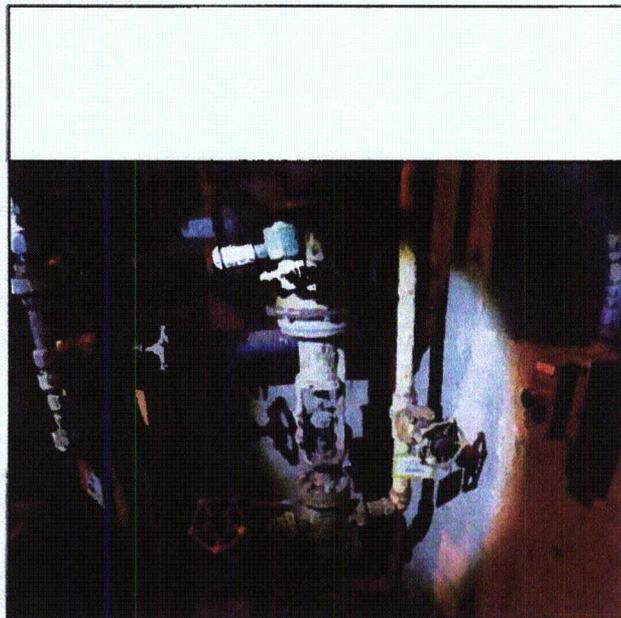
Equipment ID No. LSO-108-03 ^{LCV} ^{JAA 10/14/11} ¹⁰⁻²³⁻¹² Equip. Class¹ 08-B SOLENOID OPERATED VALVES

Equipment Description FUEL OIL TANK VALVE

Photographs



Note: Fuel Oil TK Valve ID# LSO-108-03



Note: Fuel Oil TK Valve ID# LSO-108-03

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-065

Equipment ID No. LSO-108-03 ^{LCV} ^{SWEL1-065} ¹⁰⁻²³⁻¹² Equip. Class' 08-B SOLENOID OPERATED VALVES

Equipment Description FUEL OIL TANK VALVE

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 066**Equipment ID No. FCV-104-28A Equip. Class¹ 07 - Fluid Operated ValvesEquipment Description SW/DG CoolingLocation: Bldg. TB Floor El. 252 Room, Area EDGRAManufacturer, Model, Etc. (optional but recommended) ACF Industries, #70-14-2RRT**Instructions for Completing Checklist**

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 066**Equipment ID No. FCV-104-28A Equip. Class¹ 07 - Fluid Operated ValvesEquipment Description SW/DG Cooling

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

Electrical conduit has flexible line.

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 066

Equipment ID No. FCV-104-28A Equip. Class¹ 07 - Fluid Operated Valves

Equipment Description SW/DG Cooling

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE - SSEL Line No. 000324

Evaluated by: Marcus Hecht-Nielsen  Date: 10-01-2012

Raymond Tworek  10/18/12 10-01-12

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

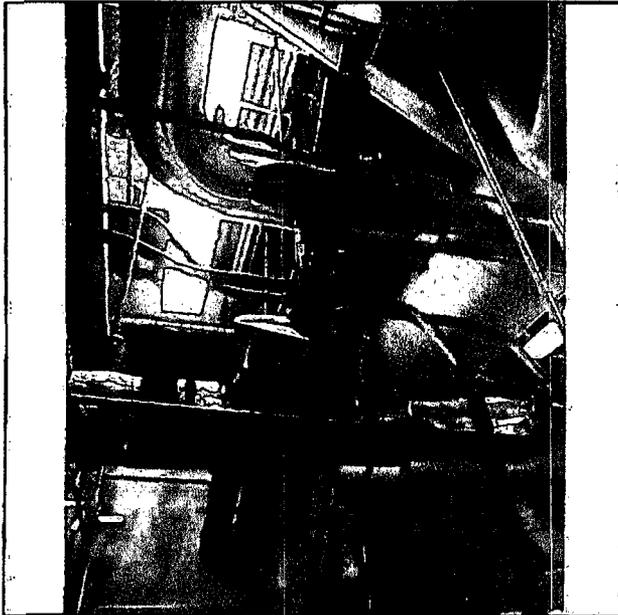
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Seismic Walkdown Checklist (SWC) SWEL1- 066

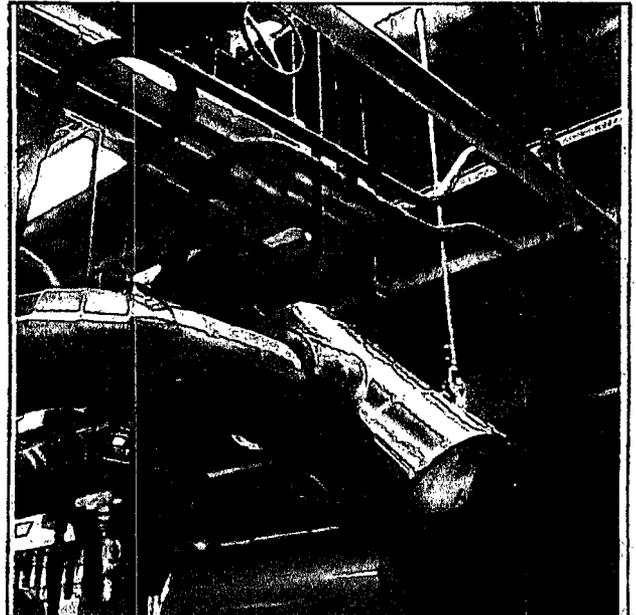
Equipment ID No. FCV-104-28A Equip. Class' 07 - Fluid Operated Valves

Equipment Description SW/DG Cooling

Photographs



Note: FCV-104-28A



Note: FCV-104-28A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 066

Equipment ID No. FCV-104-28A Equip. Class¹ 07 - Fluid Operated Valves

Equipment Description SW/DG Cooling

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 067**Equipment ID No. V70-20 Equip. Class¹ 08A - MOTOR OPERATED VALVESEquipment Description SW/TURB BLDG ISOL MOVLocation: Bldg: RB Floor El. 246' Room, Area TORUS CW

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 067**Equipment ID No. V70-20 Equip. Class¹ 08A - MOTOR OPERATED VALVESEquipment Description SW/TURB BLDG ISOL MOV

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 067

Equipment ID No. V70-20 Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description SW/TURB BLDG ISOL MOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:
A46/IPEEE - SSEL Line No. 000335

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/10/2012

Randy Stephens Randy Steph 10/18/2012 10/10/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

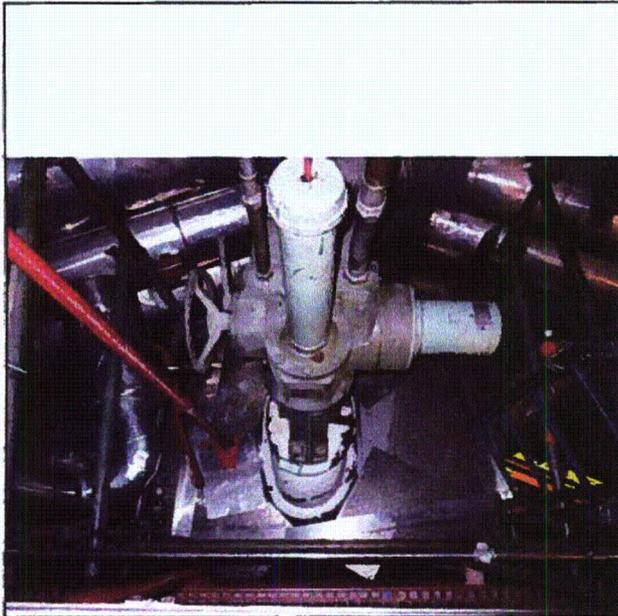
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Seismic Walkdown Checklist (SWC) SWEL1- 067

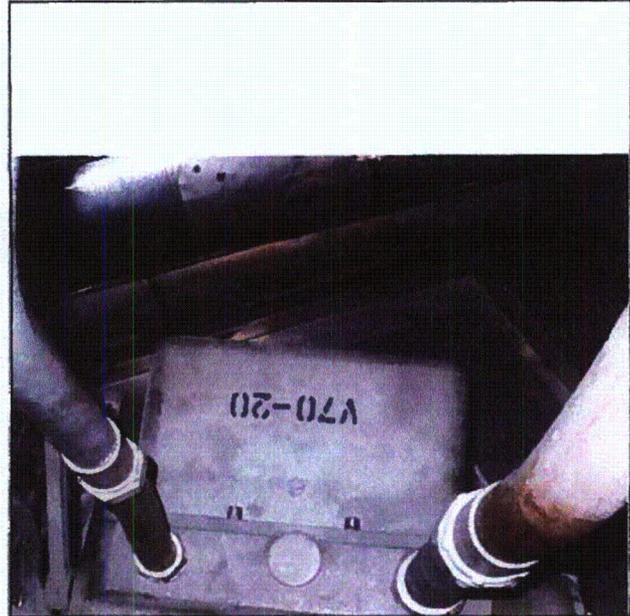
Equipment ID No. V70-20 Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description SW/TURB BLDG ISOL MOV

Photographs



Note: ID# V70-20



Note: ID# V70-20

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

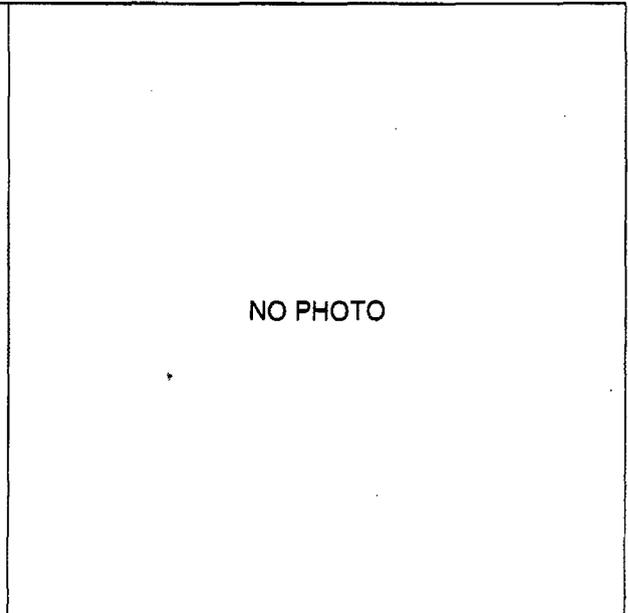
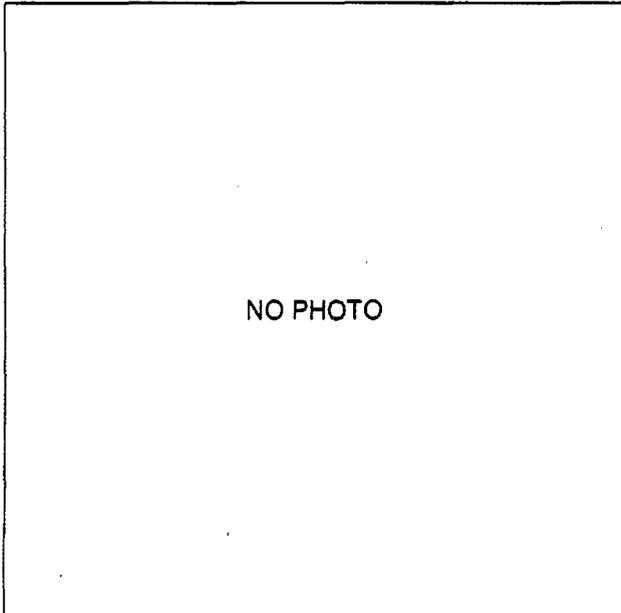
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 067

Equipment ID No. V70-20 Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description SW/TURB BLDG ISOL MOV



Note:

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 068**Equipment ID No. TU-1-1A Equip. Class¹ 05 - HORIZONTAL PUMPSEquipment Description HPCI-HPCI TURBINELocation: Bldg. BB Floor El. 213' Room, Area HPCI

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N
*No grouting under north center and south center mounting points.
 South east mount is missing grout and the mounting bracket is slightly bent. In reviewing the document SSEL line no. 000353 and its associated calc for HPCI turbine TU-1-1a, page 9 of 9, the interaction ratio for shear = 0.118 and I.R. for bolt pull out = 0.040. Hence the bolts are ok and loss of grout has no seismic impact on it.
 Ref: CR-VTY-2012-05091*
2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
*Very small hair line crack in the north east corner of concrete pad. 1.5' from the mounting. No seismic impact.
 See the comments above in column 1*

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 068**Equipment ID No. TU-1-1A Equip. Class¹ 05 - HORIZONTAL PUMPSEquipment Description HPCI-HPCI TURBINE

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
 See SSEL Line No. 000353 and its associated calculation.

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 068

Equipment ID No. TU-1-1A Equip. Class¹ 05 - HORIZONTAL PUMPS

Equipment Description HPCI-HPCI TURBINE

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

*A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000353
CR-VTY-2012-05091*

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/09/2012

Randy Stephens Randy Stephens 10/18/2012 10/09/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

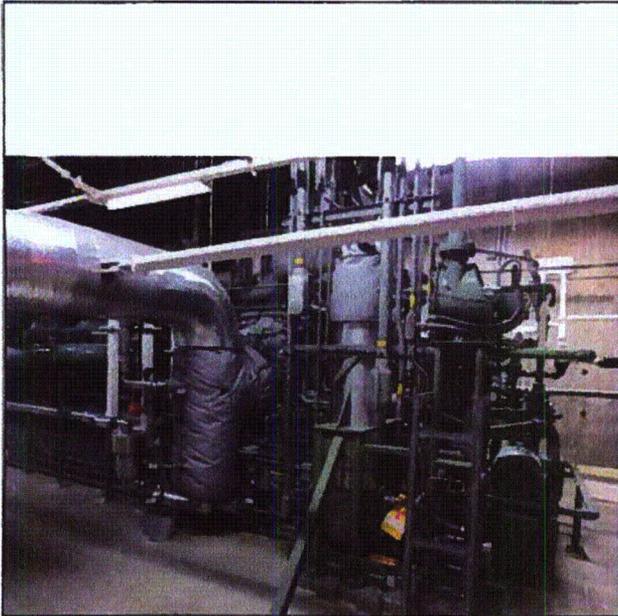
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Seismic Walkdown Checklist (SWC) SWEL1- 068

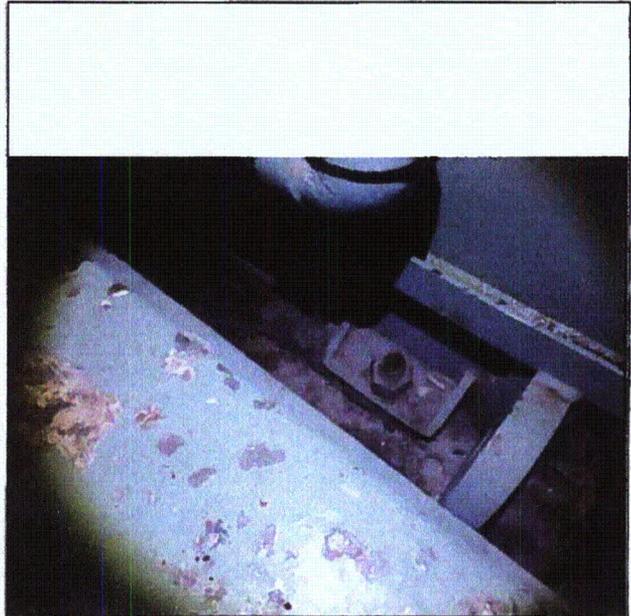
Equipment ID No. TU-1-1A Equip. Class¹ 05 - HORIZONTAL PUMPS

Equipment Description HPCI-HPCI TURBINE

Photographs



Note: HPCI-HPCI TURBINE ID# TU-1-1A



Note: North East end anchorage bracket. Missing a small amount of grout.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

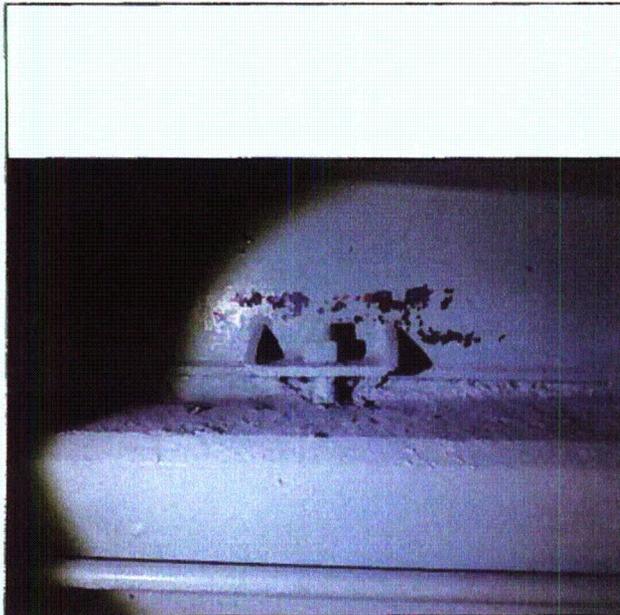
Sheet 5 of 5

Status: Y N U

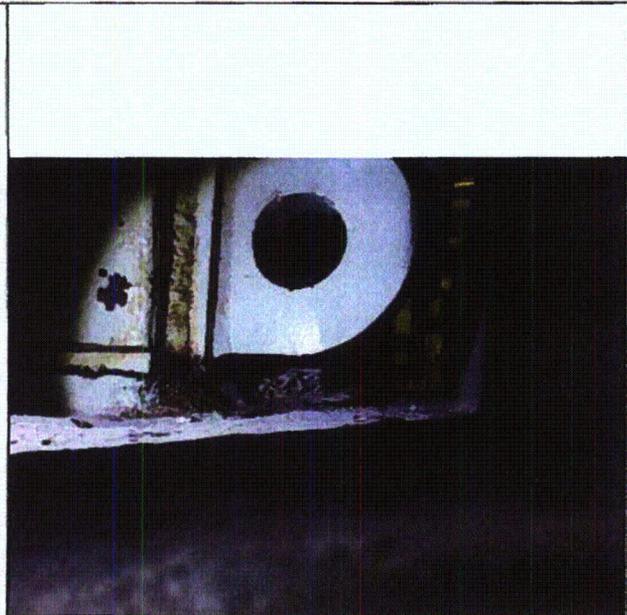
Seismic Walkdown Checklist (SWC) SWEL1- 068

Equipment ID No. TU-1-1A Equip. Class¹ 05 - HORIZONTAL PUMPS

Equipment Description HPCI-HPCI TURBINE



Note: North center anchorage.



Note: South East end anchorage.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 069

Equipment ID No. DG-1B-INTAKE-1-6 Equip. Class¹ 0 - OTHER

Equipment Description DG ROOM VENTILATION/DG ROOM B LOUVERS (6 TOTAL)

Location: Bldg. TB Floor El. 252' Room, Area EDGR B (ROOF INTAKE STRUCTURE)

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N

- 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

- 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 069**Equipment ID No. DG-1B-INTAKE-1-6 Equip. Class' 0 - OTHEREquipment Description DG ROOM VENTILATION/DG ROOM B LOUVERS (6 TOTAL)

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
 See SSEL Line No. 000371 and drawing 5920-9096.
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 069

Equipment ID No. DG-1B-INTAKE-1-6 Equip. Class¹ 0 - OTHER

Equipment Description DG ROOM VENTILATION/DG ROOM B LOUVERS (6 TOTAL)

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:
A46/IPEEE - SSEL Line No. 000371
Drawing 5920-9096

Evaluated by: Kirit Parikh CPaite 10/18/2012 Date: 10/03/12

Randy Stephens Randy Steph 10/18/2012 10/03/12

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

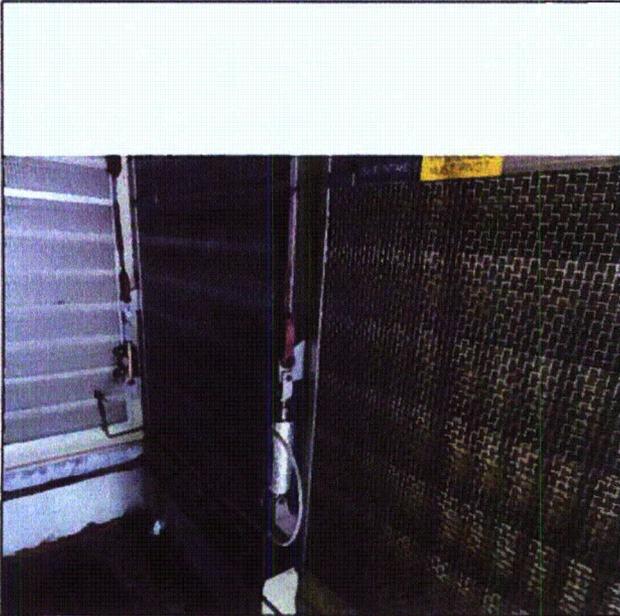
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 069

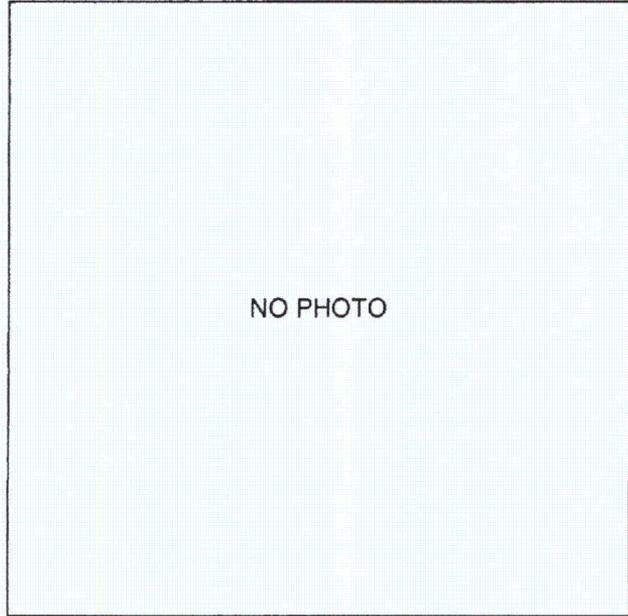
Equipment ID No. DG-1B-INTAKE-1-6 Equip. Class¹ 0 - OTHER

Equipment Description DG ROOM VENTILATION/DG ROOM B LOUVERS (6 TOTAL)

Photographs



Note: DG-1B-INTAKE-1-6



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

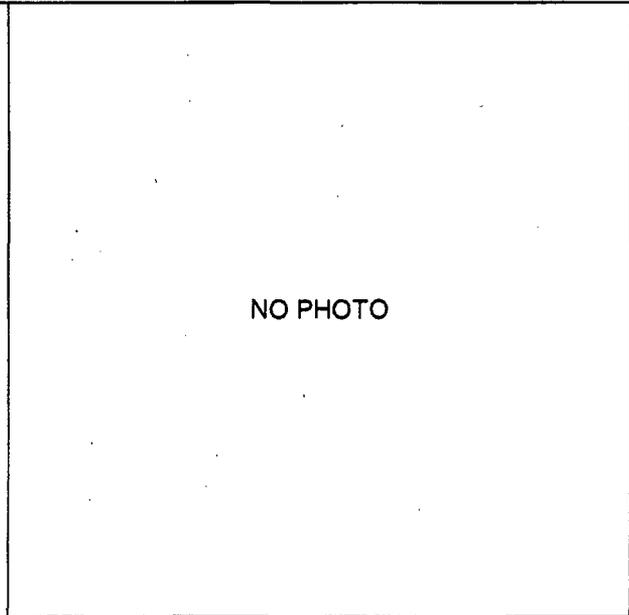
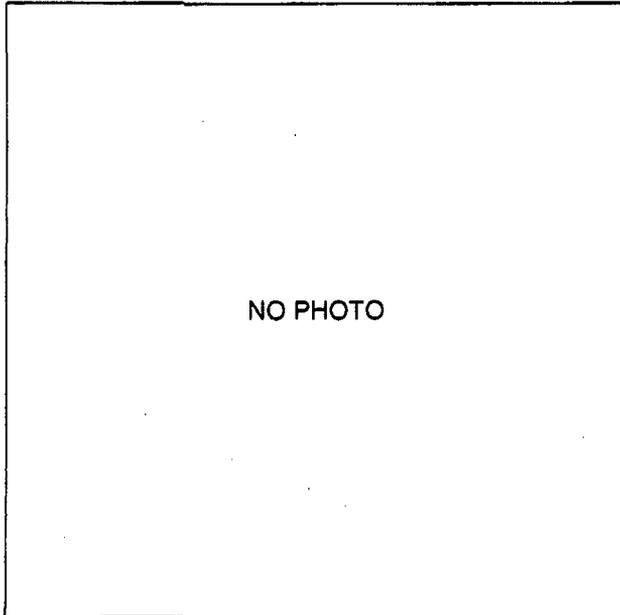
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 069

Equipment ID No. DG-1B-INTAKE-1-6 Equip. Class' 0 - OTHER

Equipment Description DG ROOM VENTILATION/DG ROOM B LOUVERS (6 TOTAL)



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 070**Equipment ID No. ES-23-110 Equip. Class¹ 20Equipment Description HPCI INST PWR SUPPLYLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 070**Equipment ID No. ES-23-110 Equip. Class¹ 20Equipment Description HPCI INST PWR SUPPLY

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 070

Equipment ID No. ES-23-110 Equip. Class' 20

Equipment Description HPCI INST PWR SUPPLY

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-2678

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000401

Evaluated by: Marcus Hecht-Nielsen 10/15/2012 Date: 10-15-2012

Raymond Tworek Raymond F. Inocel 10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 070

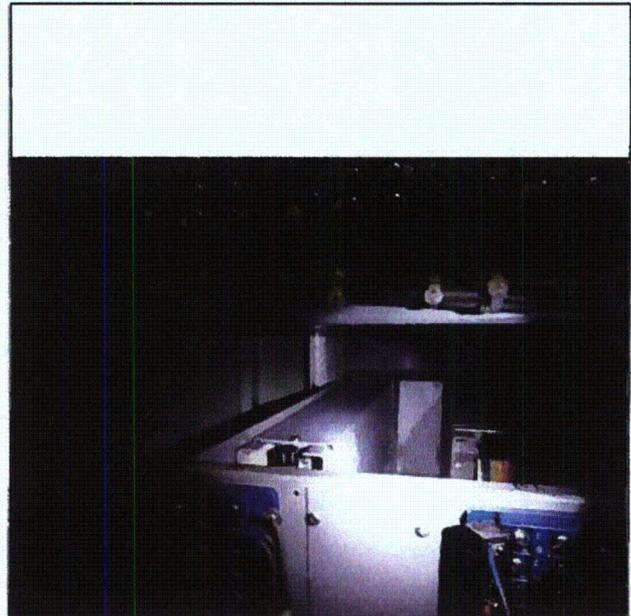
Equipment ID No. ES-23-110 Equip. Class¹ 20

Equipment Description HPCI INST PWR SUPPLY

Photographs



Note: ES-23-110



Note: ES-23-110

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

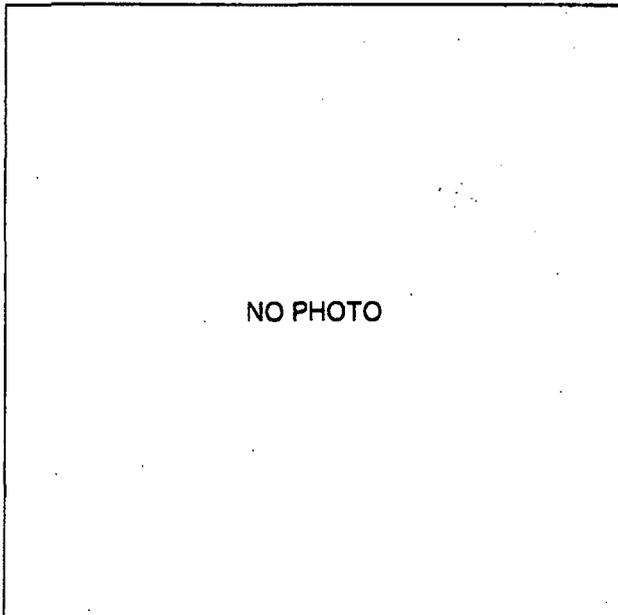
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 070

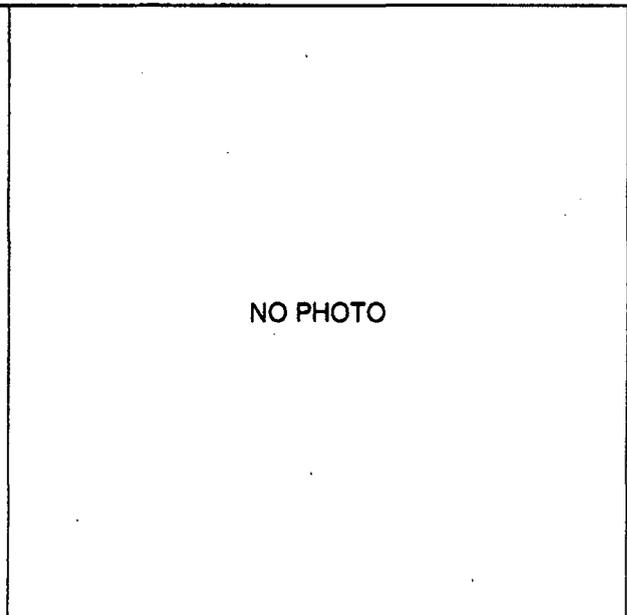
Equipment ID No. ES-23-110 Equip. Class¹ 20

Equipment Description HPCI INST PWR SUPPLY



NO PHOTO

Note:



NO PHOTO

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 071**Equipment ID No. FTA-23-118 Equip. Class¹ 20Equipment Description HPCI SQ RT CONV-FLOWLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 071**Equipment ID No. FTA-23-118 Equip. Class¹ 20Equipment Description HPCI SQ RT CONV-FLOW

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 071

Equipment ID No. FTA-23-118 Equip. Class¹ 20

Equipment Description HPCI SQ RT CONV-FLOW

Other Adverse Conditions

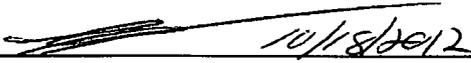
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

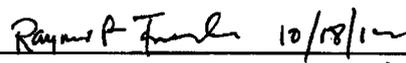
Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3258

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 000402

Evaluated by: Marcus Hecht-Nielsen  10/18/2012 Date: 10-15-2012

Raymond Tworek  10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

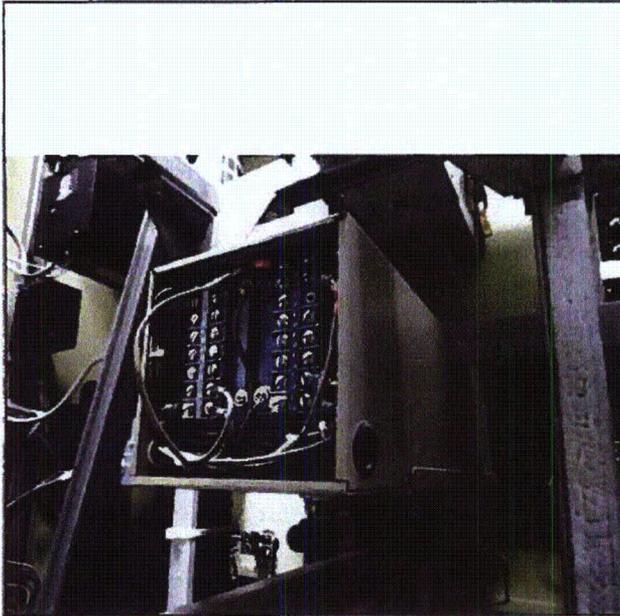
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Seismic Walkdown Checklist (SWC) SWEL1- 071

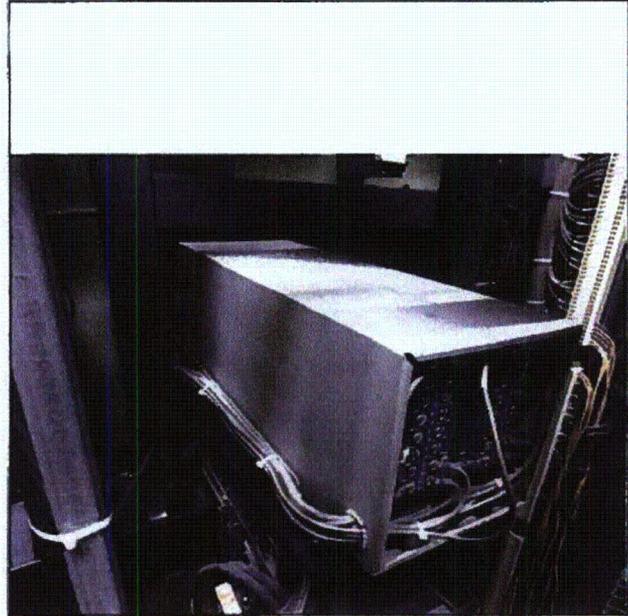
Equipment ID No. FTA-23-118 Equip. Class¹ 20

Equipment Description HPCI SQ RT CONV-FLOW

Photographs



Note: FTA-23-118



Note: FTA-23-118

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 071

Equipment ID No. FTA-23-118 Equip. Class¹ 20

Equipment Description HPCI SQ RT CONV-FLOW

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 072**Equipment ID No. ES-23-94 Equip. Class¹ 20Equipment Description HPCI/DC/AC INVERTERLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
Could not see all the anchors, however, the anchors that were visible were in good condition.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
Could not see all the anchors, however, the anchors that were visible were in good condition.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 072**Equipment ID No. ES-23-94 Equip. Class¹ 20Equipment Description HPC/DC/AC INVERTER

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 072

Equipment ID No. ES-23-94 Equip. Class¹ 20

Equipment Description HPCI/DC/AC INVERTER

Other Adverse Conditions

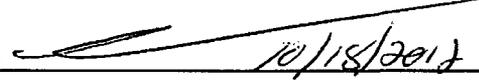
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

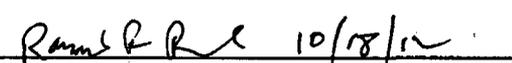
Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3258

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 000404

Evaluated by: Marcus Hecht-Nielsen  Date: 10-15-2012

Raymond Tworek  10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

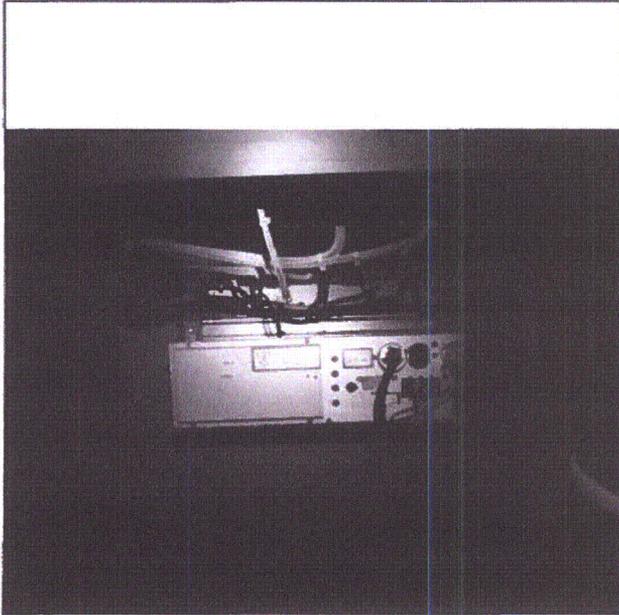
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Seismic Walkdown Checklist (SWC) SWEL1- 072

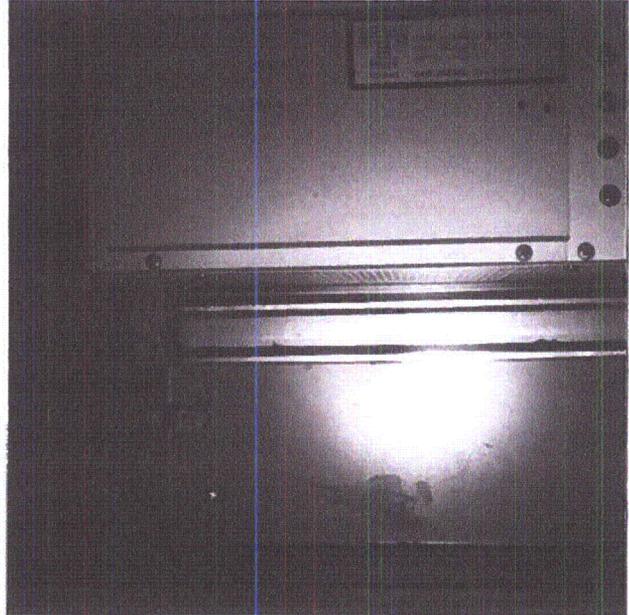
Equipment ID No. ES-23-94 Equip. Class¹ 20

Equipment Description HPCI/DC/AC INVERTER

Photographs



Note: FTA-23-94



Note: FTA-23-94

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

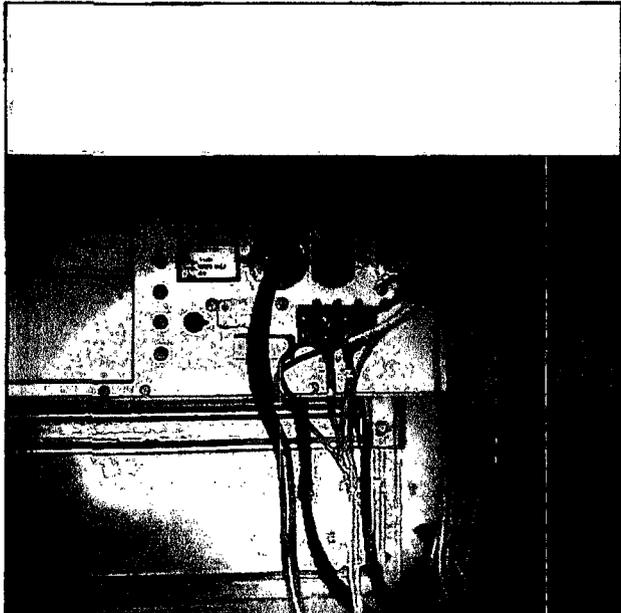
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 072

Equipment ID No. ES-23-94 Equip. Class¹ 20

Equipment Description HPCI/DC/AC INVERTER



Note: *FTA-23-94*

NO PHOTO

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 078**Equipment ID No. VG-22A Equip. Class¹ 08A - MOTOR OPERATED VALVESEquipment Description CAD MOV VENT ISOLATION (OUTBD)Location: Bldg. RB Floor El. 303' Room, Area NORTH CENTER

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 078**Equipment ID No. VG-22A Equip. Class 08A - MOTOR OPERATED VALVESEquipment Description CAD MOV VENT ISOLATION (OUTBD)

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 078

Equipment ID No. VG-22A Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description CAD MOV VENT ISOLATION (OUTBD)

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE - SSEL Line No. 000512

Evaluated by: Kirit Parikh *K Parikh* 10/18/2012 Date: 10/10/2012

Randy Stephens *Randy Stephens* 10/18/2012 10/10/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

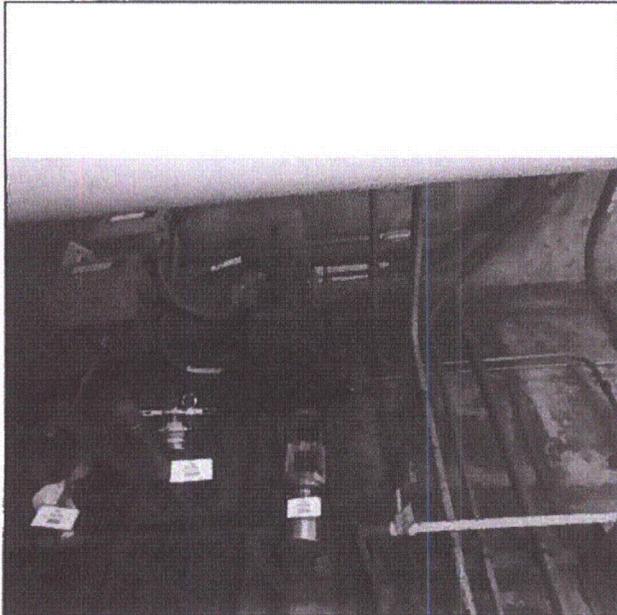
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 078

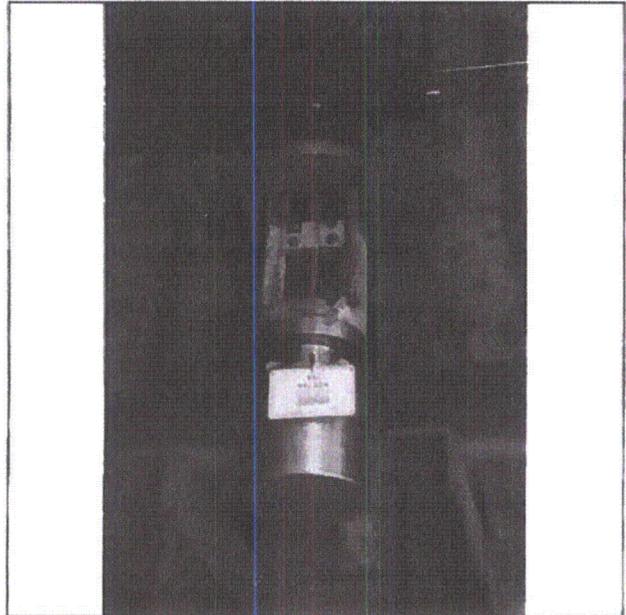
Equipment ID No. VG-22A Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description CAD MOV VENT ISOLATION (OUTBD)

Photographs



Note: ID# VG-22A



Note: ID# VG-22A
Exposed wires are test connection plugs.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 078

Equipment ID No. VG-22A Equip. Class¹ 08A - MOTOR OPERATED VALVES

Equipment Description CAD MOV VENT ISOLATION (OUTBD)

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 079**Equipment ID No. NG-13A Equip. Class¹ 08B - SOLENOID OPERATED VALVESEquipment Description CAD SOV AIR ISOLATION (INBD) INJECTION TO DW PNL ALocation: Bldg. RB Floor El. 222' Room, Area TORUS AREA

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware?
In-line valve, no anchorage. Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 079**Equipment ID No. NG-13A Equip. Class¹ 08B - SOLENOID OPERATED VALVESEquipment Description CAD SOV AIR ISOLATION (INBD) INJECTION TO DW PNL A

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 079

Equipment ID No. NG-13A Equip. Class¹ 08B - SOLENOID OPERATED VALVES

Equipment Description CAD SOV AIR ISOLATION (INBD) INJECTION TO DW PNL A

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:
A46/IPEEE - SSEL Line No. 000515

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Stephens 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

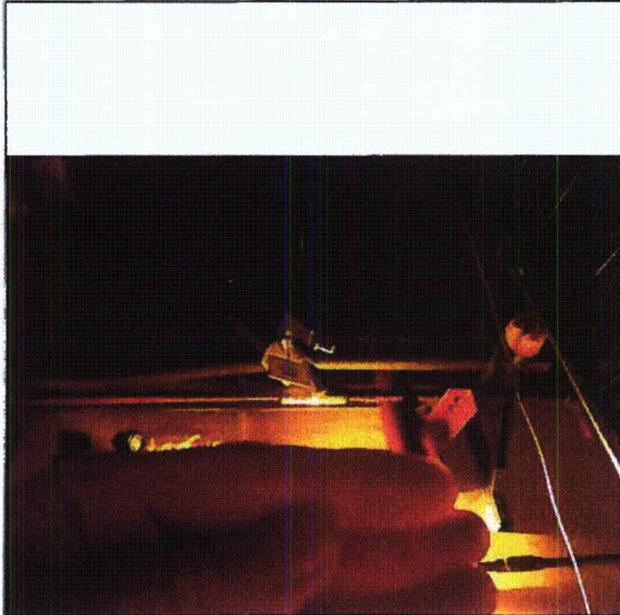
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Seismic Walkdown Checklist (SWC) SWEL1- 079

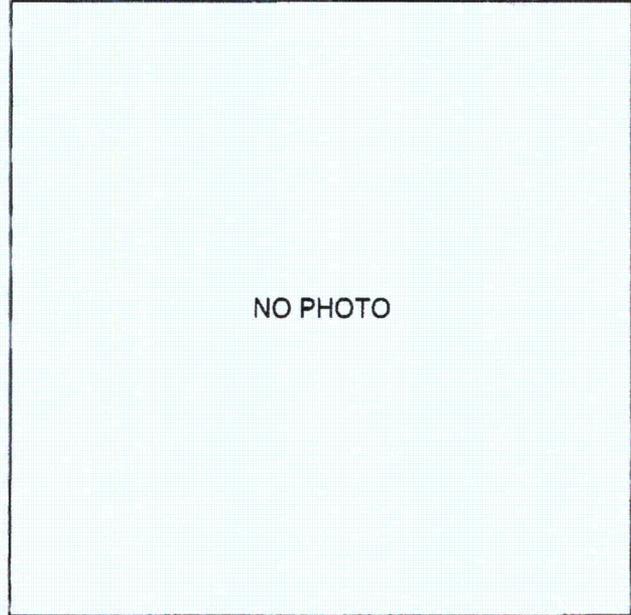
Equipment ID No. NG-13A Equip. Class¹ 08B - SOLENOID OPERATED VALVES

Equipment Description CAD SOV AIR ISOLATION (INBD) INJECTION TO DW PNL A

Photographs



Note: *In-line valve, ID# NG-13A*



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 079

Equipment ID No. NG-13A Equip. Class¹ 08B - SOLENOID OPERATED VALVES

Equipment Description CAD SOV AIR ISOLATION (INBD) INJECTION TO DW PNL A

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 080**Equipment ID No. SB-16-19-6 Equip. Class¹ 07 - FLUID OPERATED VALVESEquipment Description PRIMARY CONTAINMENT VENT TO SBT ISOLATION (OUTBD) AOVLocation: Bldg. RB Floor El. 303' Room, Area W

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware?
In-line valve, no anchorage. Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 080**Equipment ID No. SB-16-19-6 Equip. Class¹ 07 - FLUID OPERATED VALVESEquipment Description PRIMARY CONTAINMENT VENT TO SBTG ISOLATION (OUTBD) AOV

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 080

Equipment ID No. SB-16-19-6 Equip. Class¹ 07 - FLUID OPERATED VALVES

Equipment Description PRIMARY CONTAINMENT VENT TO SBTG ISOLATION (OUTBD) AOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE - SSEL Line No. 000554

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/10/2012

Randy Stephens Randy Stephens 10/18/2012 10/10/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

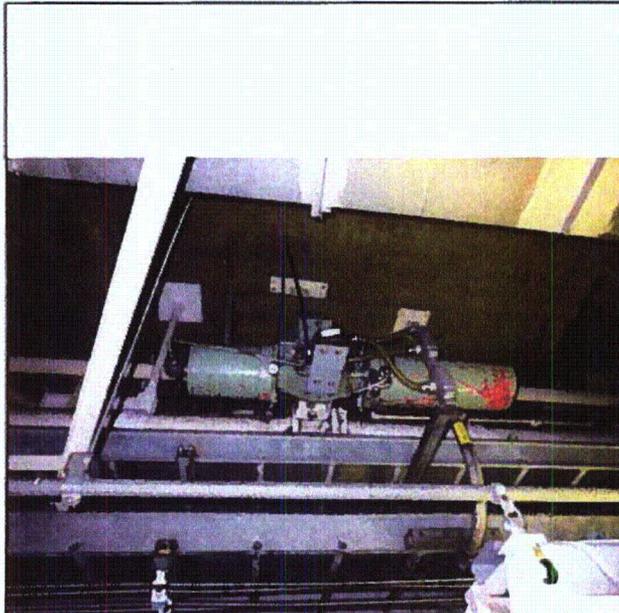
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 080

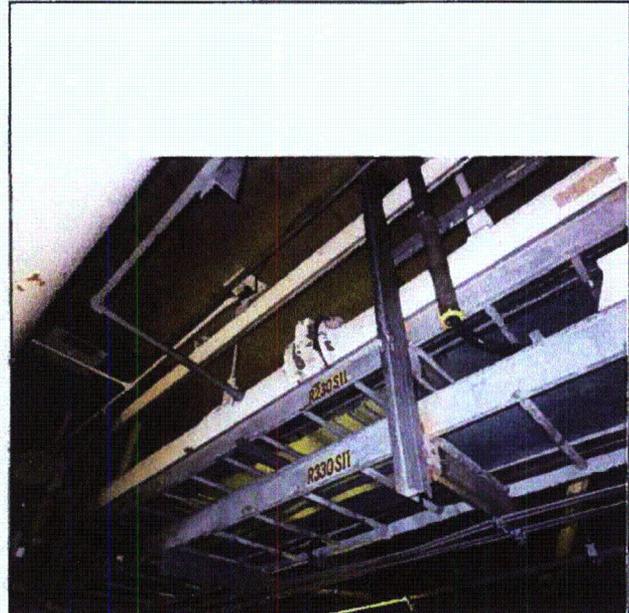
Equipment ID No. SB-16-19-6 Equip. Class¹ 07 - FLUID OPERATED VALVES

Equipment Description PRIMARY CONTAINMENT VENT TO SBTG ISOLATION (OUTBD) AOV

Photographs



Note: In-line valve ID# SB-16-19-6



Note: In-line valve ID# SB-16-19-6

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 080

Equipment ID No. SB-16-19-6 Equip. Class¹ 07 - FLUID OPERATED VALVES

Equipment Description PRIMARY CONTAINMENT VENT TO SBTG ISOLATION (OUTBD) AOV

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 081Equipment ID No. CRP 9-03 Equip. Class¹ 20Equipment Description CONTROL ROOM PANELLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 081Equipment ID No. CRP 9-03 Equip. Class¹ 20Equipment Description CONTROL ROOM PANEL

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which
anchorage configuration verification is required.)
See VYC-1354

Y N U N/A

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

Y N U **Interaction Effects**

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 081

Equipment ID No. CRP 9-03 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3258

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 001210

Calculation: VYC-1354

Evaluated by: Marcus Hecht-Nielsen 10/18/2012 Date: 10-15-2012

Raymond Tworek Raymond Tworek 10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 081

Equipment ID No. CRP 9-03 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

Photographs



Note: CRP 9-03



Note: CRP 9-03

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 081

Equipment ID No. CRP 9-03 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 082**Equipment ID No. CRP 9-19 Equip. Class¹ 20Equipment Description CONTROL ROOM PANELLocation: Bldg. CB Floor El. 272' Room, Area CONTRM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 082**Equipment ID No. CRP 9-19 Equip. Class¹ 20Equipment Description CONTROL ROOM PANEL

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 082

Equipment ID No. CRP 9-19 Equip. Class' 20

Equipment Description CONTROL ROOM PANEL

Other Adverse Conditions

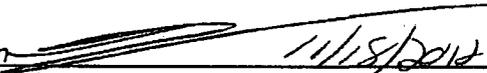
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-2678

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 001221

Evaluated by: Marcus Hecht-Nielsen  Date: 10-15-2012

Raymond Tworek  10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 082

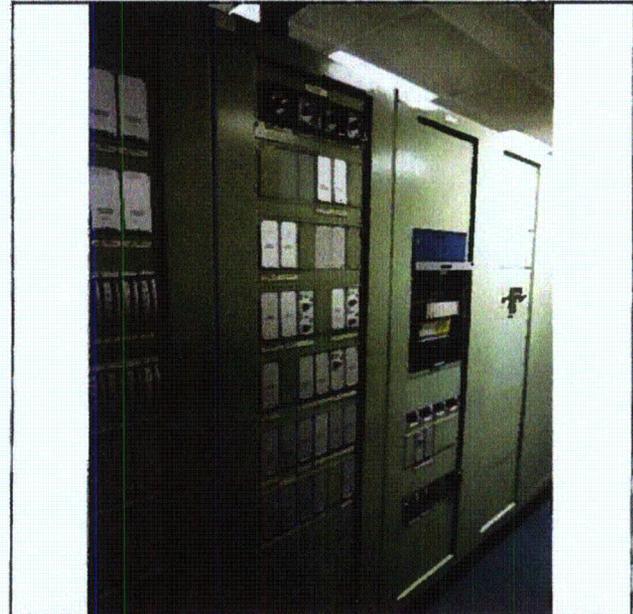
Equipment ID No. CRP 9-19 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

Photographs



Note: CRP 9-19



Note: CRP 9-19

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 082

Equipment ID No. CRP 9-19 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

<p>Note:</p>	<p>Note:</p>

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 083**Equipment ID No. CRP 9-20 Equip. Class¹ 20Equipment Description CONTROL ROOM PANELLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 083

Equipment ID No. CRP 9-20 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 083

Equipment ID No. CRP 9-20 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

Other Adverse Conditions

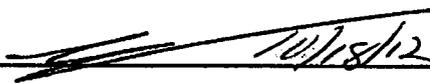
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3770

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001222

Evaluated by: Marcus Hecht-Nielsen  Date: 10-15-2012

Raymond Tworek  10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 083

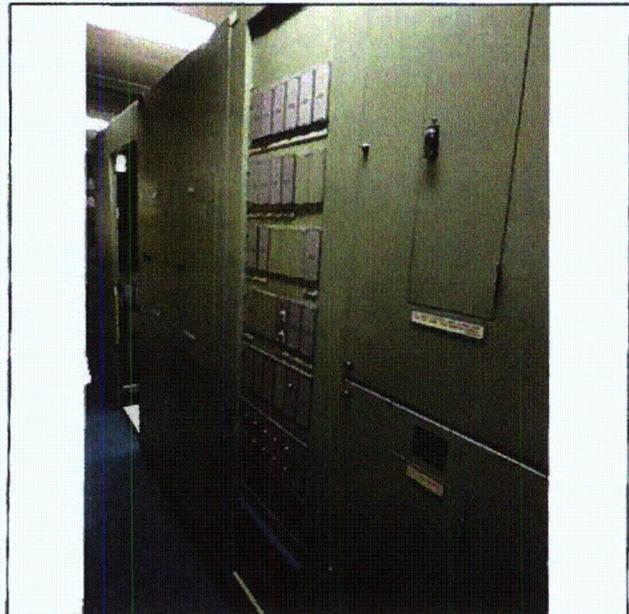
Equipment ID No. CRP 9-20 Equip. Class¹ 20

Equipment Description CONTROL ROOM PANEL

Photographs



Note: CRP 9-20



Note: CRP 9-20

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 083

Equipment ID No. CRP 9-20 Equip. Class' 20

Equipment Description CONTROL ROOM PANEL

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6.

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 084**Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RM B VOLTAGE REGULATOR CABLocation: Bldg. TB Floor El. 252' Room, Area EDGR B

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 084**Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RM B VOLTAGE REGULATOR CAB

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See drawing SK 92403-03B Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 084

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM B VOLTAGE REGULATOR CAB

Other Adverse Conditions

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

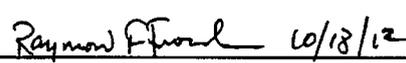
Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawing 5920-3911 and 5920-4592, and SK 92403-03B sheets 1-4.

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001242

Evaluated by: Marcus Hecht-Nielsen  Date: 10-03-2012

Raymond Tworek  10/18/12 10-03-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

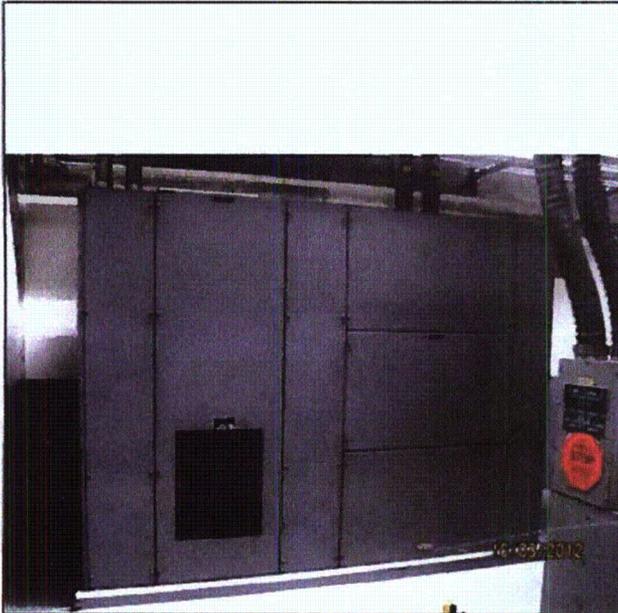
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 084

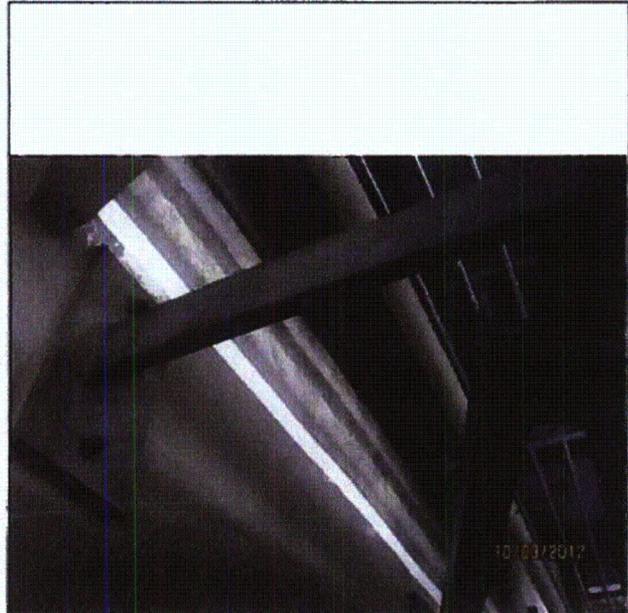
Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM B VOLTAGE REGULATOR CAB

Photographs



Note: DG RM B VOLTAGE REGULATOR CAB



Note: Behind view of bracing

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

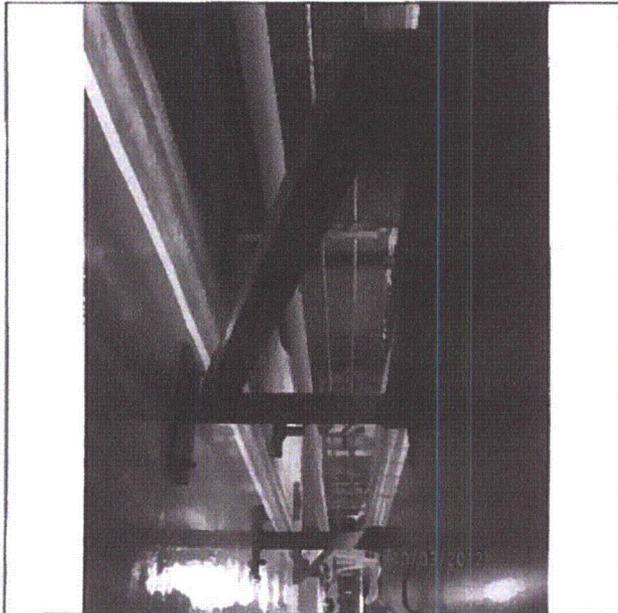
Sheet 5 of 5

Status: Y N U

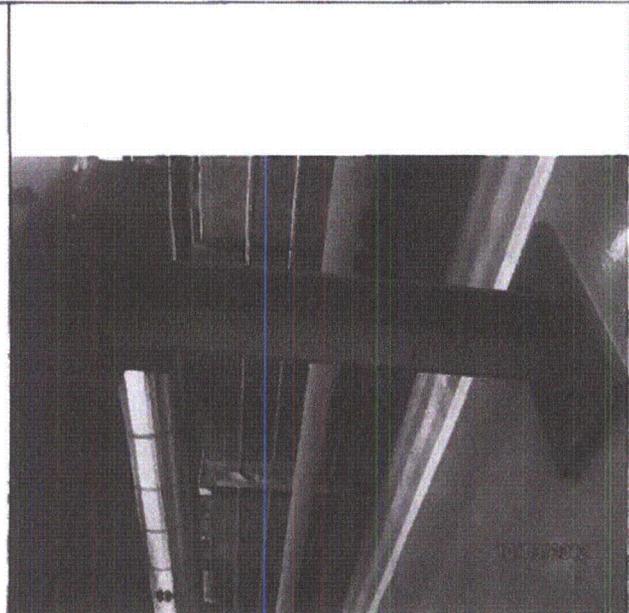
Seismic Walkdown Checklist (SWC) SWEL1- 084

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM B VOLTAGE REGULATOR CAB



Note: Behind view of bracing



Note: Behind view of bracing

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 085Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RMA NEUTRAL TRANSFORMER CABLocation: Bldg. TB Floor El. 252 Room, Area EDGRA

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
Was able to visually verify attachment of unit to anchors on 10/11/12. Anchors are undamaged.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
Was able to visually verify angle attachment on 10/11/12. The anchors do not show signs of corrosion.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Hairline cracks on the wall sufficient distance from anchor to have no affect on seismic performance.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 085**Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RM A NEUTRAL TRANSFORMER CAB

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
 See SK 92403-02-A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 085

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RMA NEUTRAL TRANSFORMER CAB

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:

5920-4593, sht. 1, Rev. 0

5920-4593, sht. 2, Rev. 0

A46/IPEEE – SSEL Line No. 001243

SK 92403-02-A

Evaluated by: Marcus Hecht-Nielsen  Date: 10-11-2012

Raymond Tworek  10-11-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

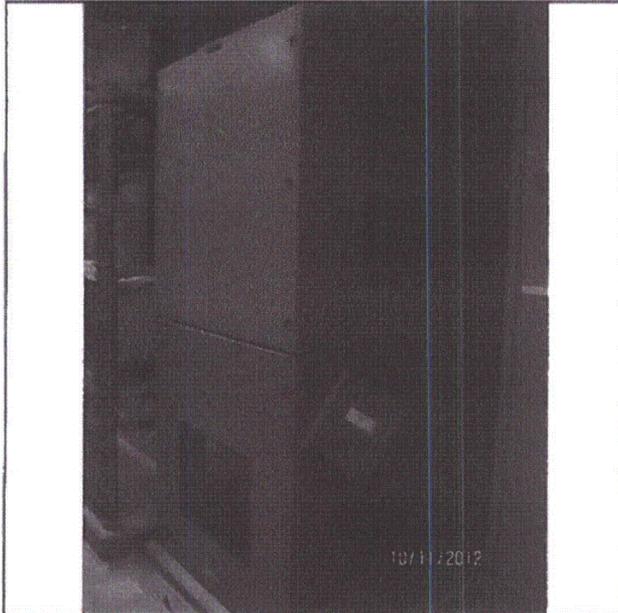
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 085

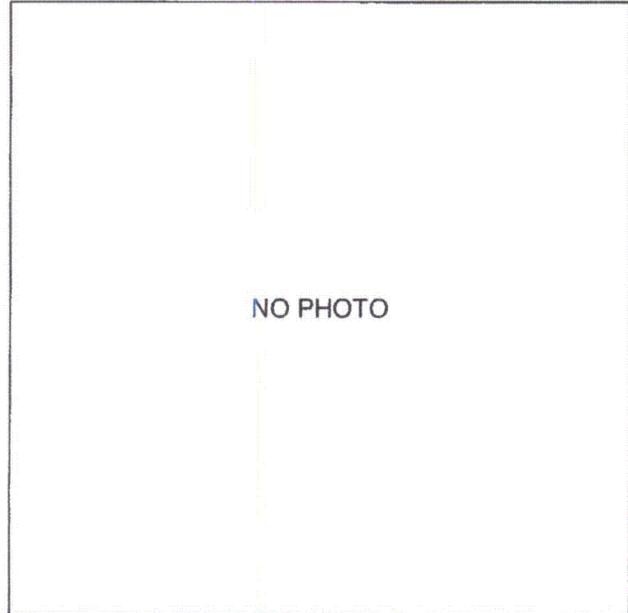
Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM A NEUTRAL TRANSFORMER CAB

Photographs



Note: A EDG Neutral Transformer Cabinet



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 085

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM A NEUTRAL TRANSFORMER CAB

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 086Equipment ID No. L-17 Equip. Class¹ 0Equipment Description DG "B" RM DAMPER MOTORLocation: Bldg. TB Floor El. 252' Room, Area EDGR B

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
3 fan mounting bolts were visible, one bolt not visible. No Seismic impact.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
Same as above

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Mounted to steel frame.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 086**Equipment ID No. L-17 Equip. Class¹ 0Equipment Description DG "B" RM DAMPER MOTOR

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U
1 Fan mounting bolt is not visible from outside of the fan. No seismic impact.

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 086

Equipment ID No. L-17 Equip. Class¹ 0

Equipment Description DG "B" RM DAMPER MOTOR

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001354

Note: 3 Fan mounting bolts are visible, one bolt not visible. Based on the firmness of the fan assembly no seismic impact.

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/03/12

Randy Stephens Randy Stephens 10/18/2012 10/03/12

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

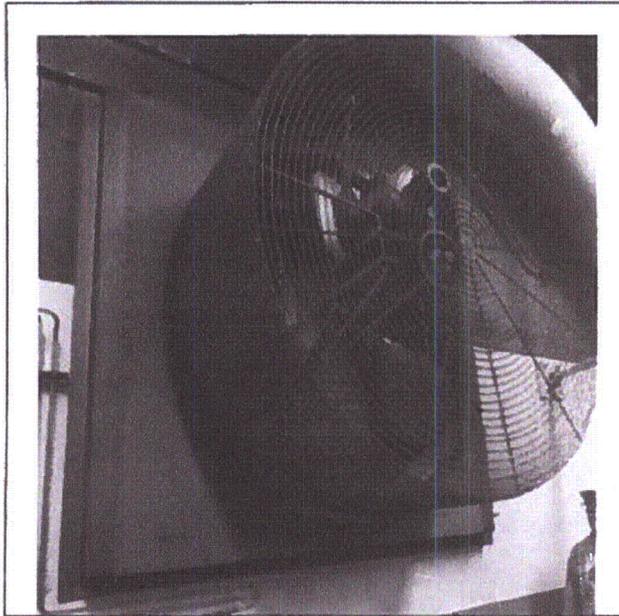
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 086

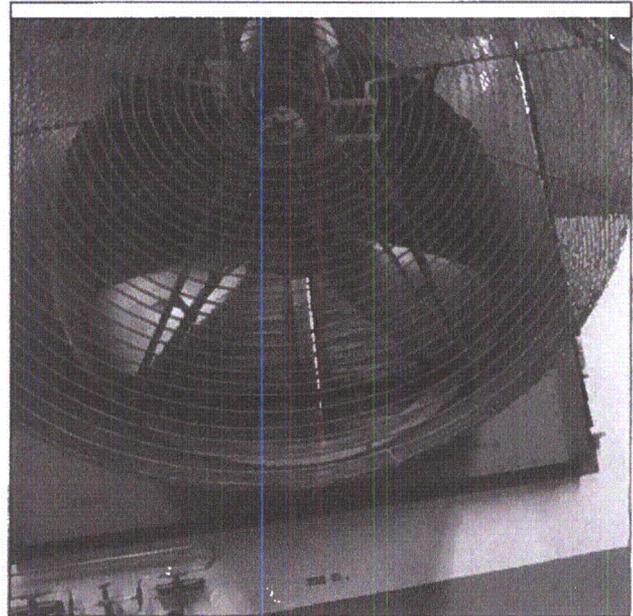
Equipment ID No. L-17 Equip. Class¹ 0

Equipment Description DG "B" RM DAMPER MOTOR

Photographs



Note: Damper motor (# L-17) not visible from outside of the fan/shroud assy.



Note: : Damper motor (# L-17) not visible from outside of the fan/shroud assy.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

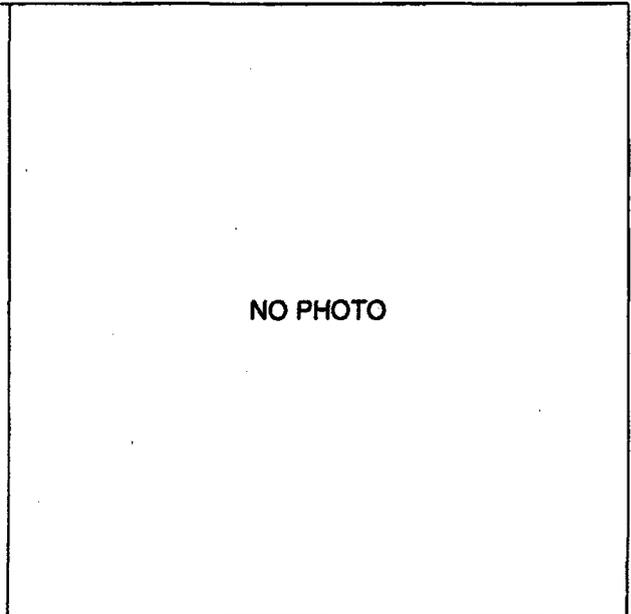
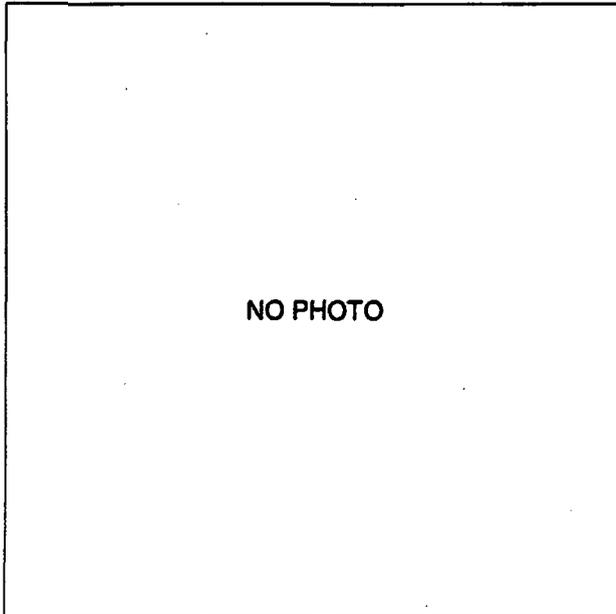
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 086

Equipment ID No. L-17 Equip. Class¹ 0

Equipment Description DG "B" RM DAMPER MOTOR



Note:

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 087

Equipment ID No. RATS-1A Equip. Class¹ 20 - Instr. & Control Panels & Cabinets

Equipment Description DG-1A RM Thermostat

Location: Bldg. TB Floor El. 252 Room, Area EDGR A

Manufacturer, Model, Etc. (optional but recommended) Honeywell

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

~~Y~~ ~~N~~ ~~X~~ * JDA 10/25/12
N 10/25/12

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

Crack 6" under top wall anchor - Will not affect pullout, seismically acceptable.

* PANEL ANCHORING NOT VISIBLE.

See log 10/25/12
[Signature] 10-25-12

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 087

Equipment ID No. RATS-1A Equip. Class¹ 20 - Instr. & Control Panels & Cabinets

Equipment Description DG-1A RM Thermostat

HA 10/11/12

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See drawing A46/IPEEE - SSEL Line No. 001355

Y N U N/A *N 10/25/12*
SEE PAGE 2

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

Y N U

Interaction Effects

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

Both the thermostat and line are anchored to wall. The line is not flexible, however, both components will move as one, seismically acceptable.

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 087

Equipment ID No. RATS-1A Equip. Class' 20 - Instr. & Control Panels & Cabinets

Equipment Description DG-1A RM Thermostat

Other Adverse Conditions

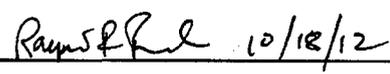
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE - SSEL Line No. 001355, and Attachment A

Evaluated by: Marcus Hecht-Nielsen  Date: 10-01-2012

Raymond Tworek  10/12/12 10-01-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

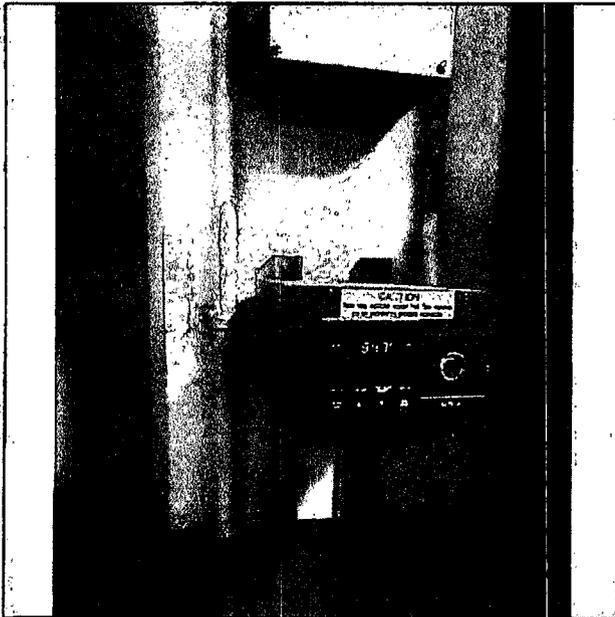
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 087

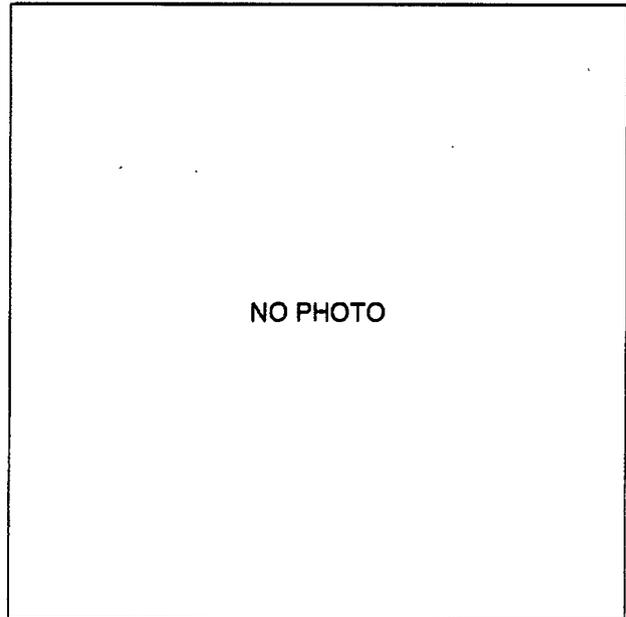
Equipment ID No. RATS-1A Equip. Class¹ 20 - Instr. & Control Panels & Cabinets

Equipment Description DG-1A RM Thermostat

Photographs



Note: RATS-1A



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 087

Equipment ID No. RATS-1A Equip. Class¹ 20 - Instr. & Control Panels & Cabinets

Equipment Description DG-1A RM Thermostat

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 088

Equipment ID No. SE-113-2022 Equip. Class¹ 08B

Equipment Description DG RM B DAMPER SOV

Location: Bldg. TB Floor El. 252' Room, Area EDGR B

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N

- 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
Same as above

- 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 088**Equipment ID No. SE-113-2022 Equip. Class¹ 08BEquipment Description DG RM B DAMPER SOV

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which
an anchorage configuration verification is required.) Y N U N/A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting,
and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 088

Equipment ID No. SE-113-2022 Equip. Class¹ 08B

Equipment Description DG RMB DAMPER SOV

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001375

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/03/2012

Randy Stephens Randy Stephens 10/18/2012 10/03/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 088

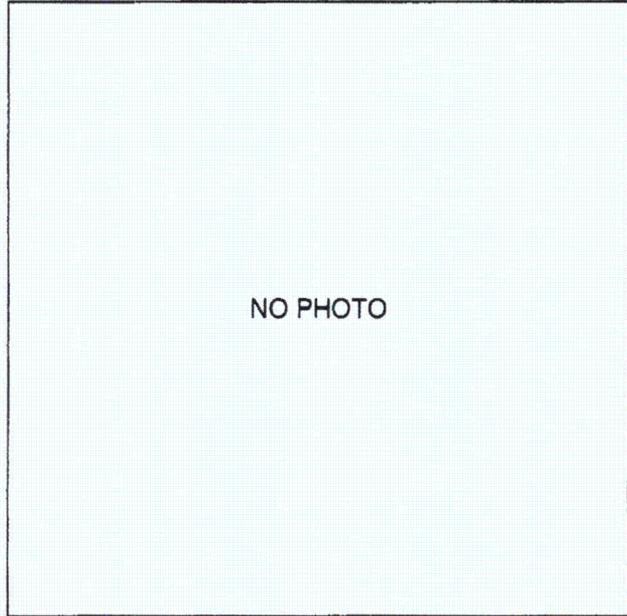
Equipment ID No. SE-113-2022 Equip. Class¹ 08B

Equipment Description DG RM B DAMPER SOV

Photographs



Note: Solenoid operated valve # SE-113-2022 (center valve).



NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

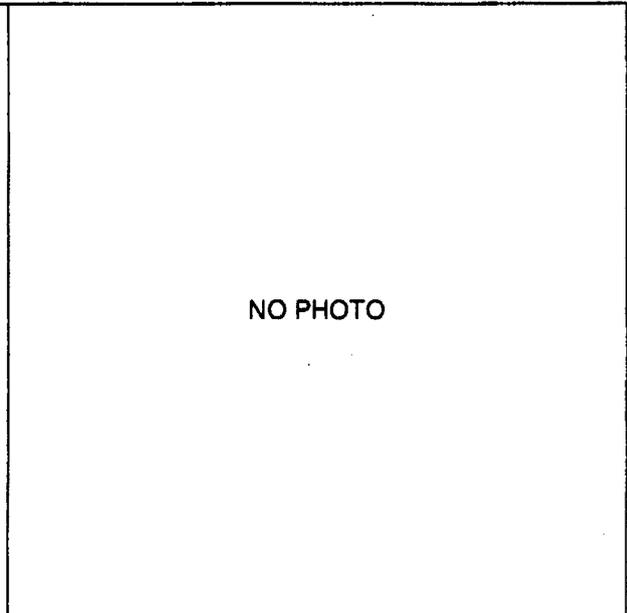
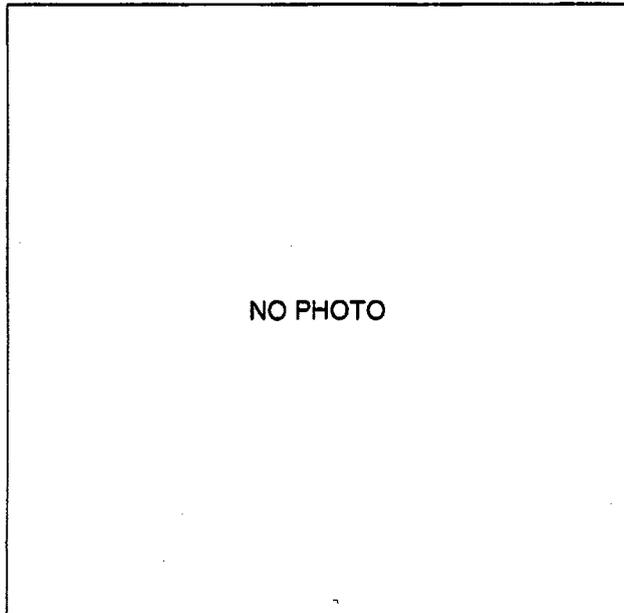
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 088

Equipment ID No. SE-113-2022 Equip. Class¹ 08B

Equipment Description DG RMB DAMPER SOV



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 089Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RM B CONTACTOR CABLocation: Bldg. TB Floor El. 252' Room, Area EDGR B

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Equipment is anchored to steel.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 089**Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG RM B CONTACTOR CAB

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
The plant documentation calls out 1/2" diameter bolts, but the as built condition is 3/8" diameter. Per the SEWS SSEL line no. 001387 rule of the box is used. Given the seismic loading and bracing, the system is okay by engineering judgment. Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 089

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM B CONTACTOR CAB

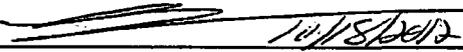
Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001387

Evaluated by: Marcus Hecht-Nielsen  Date: 10-03-2012

Raymond Tworek  10/18/12 10-03-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

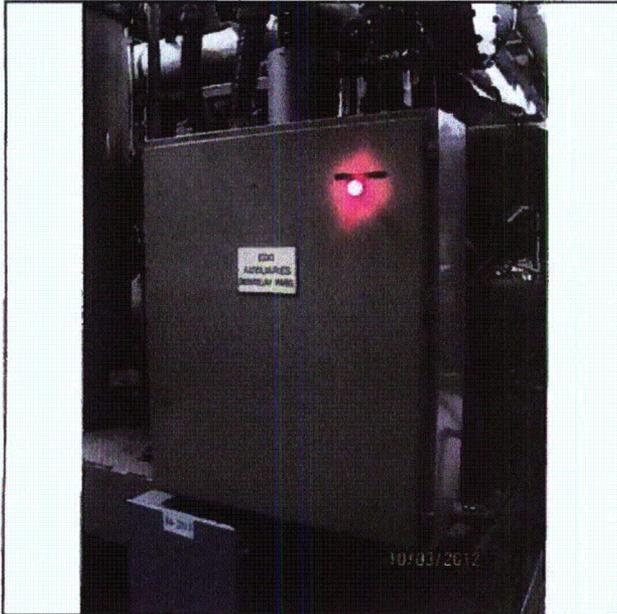
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Seismic Walkdown Checklist (SWC) SWEL1- 089

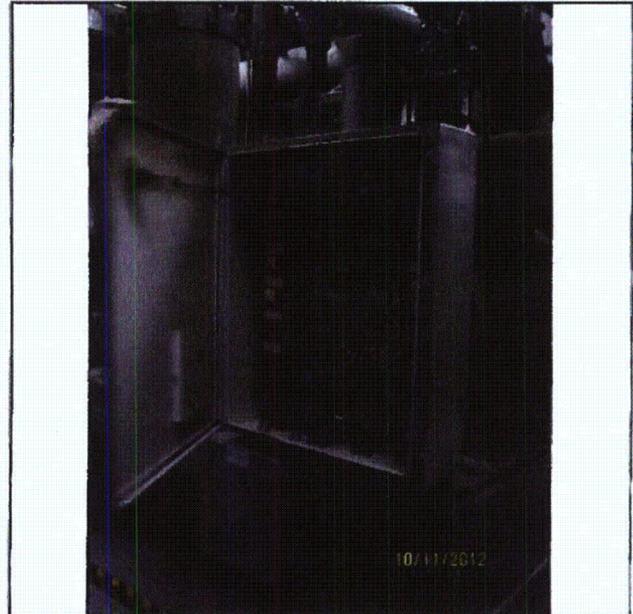
Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG RM B CONTACTOR CAB

Photographs



Note: A EDG Contactor Cabinet



Note: A EDG Contactor Cabinet-Inside view

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 089

Equipment ID No. _____ Equip. Class' 20

Equipment Description DG RM B CONTACTOR CAB

 <p>A black and white photograph showing the rear view of a large, dark-colored metal cabinet. The cabinet has a complex structure with various panels and components. A small white label with the number '10-03-2012' is visible on the lower right side of the cabinet.</p>	<p>NO PHOTO</p>
<p>Note: A EDG Contactor Cabinet-Rear view</p>	<p>Note:</p>

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 090**Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG-1-B RM B INSTRUMENT PANELLocation: Bldg. TB Floor El. 252' Room, Area EDGR B

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N
2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Equipment is anchored to steel.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 090Equipment ID No. _____ Equip. Class¹ 20Equipment Description DG-1-B RM B INSTRUMENT PANEL

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001388 Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 090

Equipment ID No. _____ Equip. Class' 20

Equipment Description DG-1-B RM B INSTRUMENT PANEL

Other Adverse Conditions

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

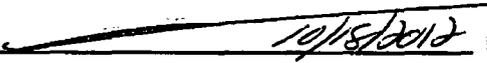
Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawing 5920-3991

Drawing G-191566

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001388

Evaluated by: Marcus Hecht-Nielsen  Date: 10-03-2012

Raymond Tworek  10/18/12 Date: 10-03-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

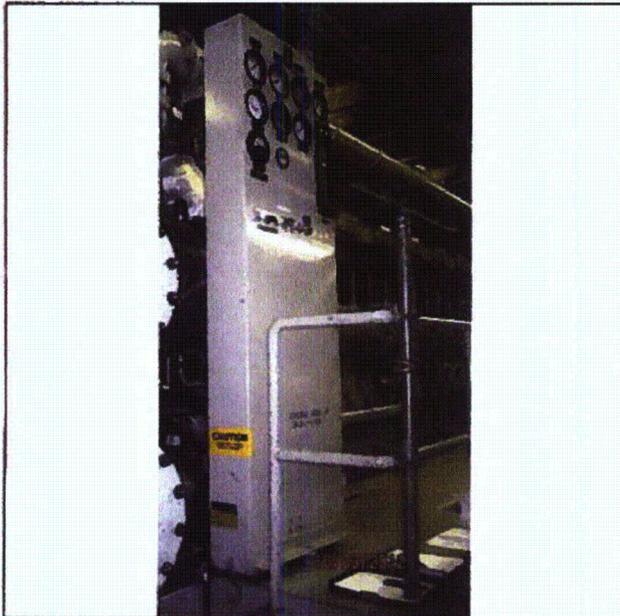
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Seismic Walkdown Checklist (SWC) SWEL1- 090

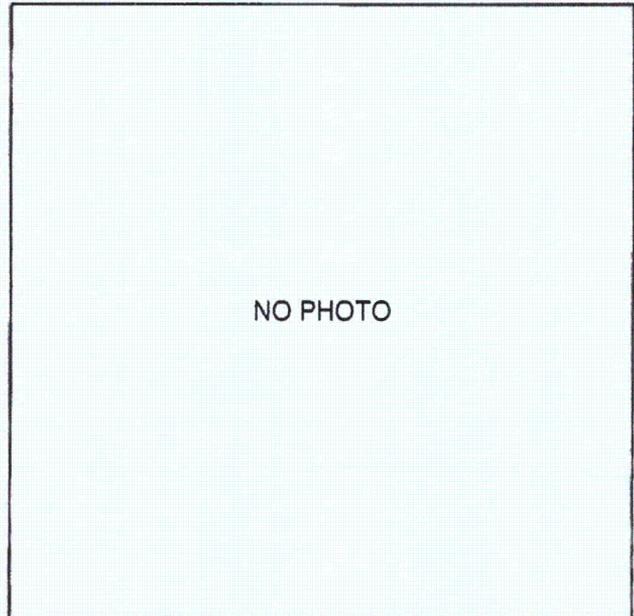
Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG-1-B RM B INSTRUMENT PANEL

Photographs



Note: *DG-1-B RM B Instrument Panel*



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 090

Equipment ID No. _____ Equip. Class¹ 20

Equipment Description DG-1-B RM B INSTRUMENT PANEL

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 091

Equipment ID No. ~~DG45~~ ¹⁰⁻²⁵⁻¹² 10-25-12 Equip. Class¹ 17

Equipment Description DG RMB EQUIP SKID

Location: Bldg. TB Floor El. 252' Room, Area EDGRB

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y N
- 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
- 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

* DELETED EQUIPMENT ID. EQUIPMENT IS ON SWEL-007.
Jeff Full 10/25/12
10/25/12

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 091Equipment ID No. ~~DG 7B~~ JBA 10/1/11 ✓ 11/25/12 Equip. Class¹ 17Equipment Description DG RM B EQUIP SKID

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

Y N U N/A

See 5920-3991

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

Y N U **Interaction Effects**

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 091

Equipment ID No. DA 10/24/12 ~~BG TB~~ 10-25-12 Equip. Class' 17

Equipment Description DG RM B EQUIP SKID

Other Adverse Conditions

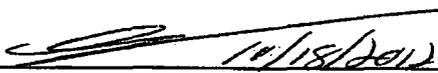
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

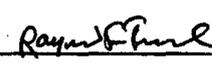
Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawing 5920-3991 and G-191566

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 01389

Evaluated by: Marcus Hecht-Nielsen  Date: 10-03-2012

Raymond Tworek  10/18/12 10-03-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

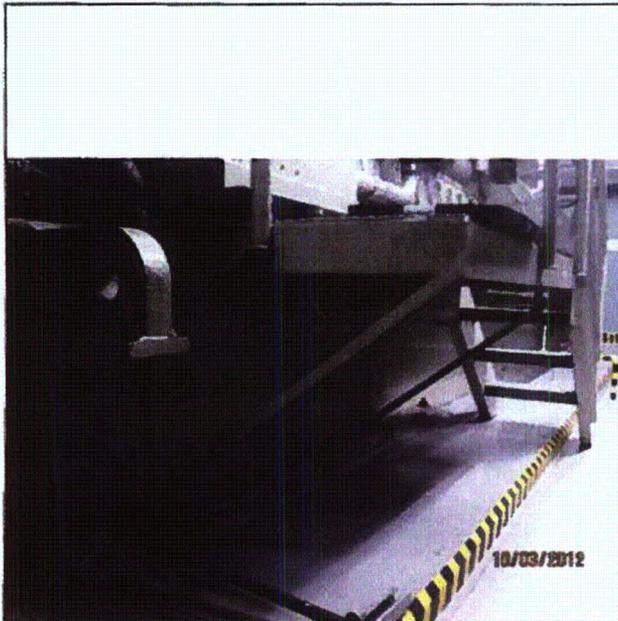
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 091

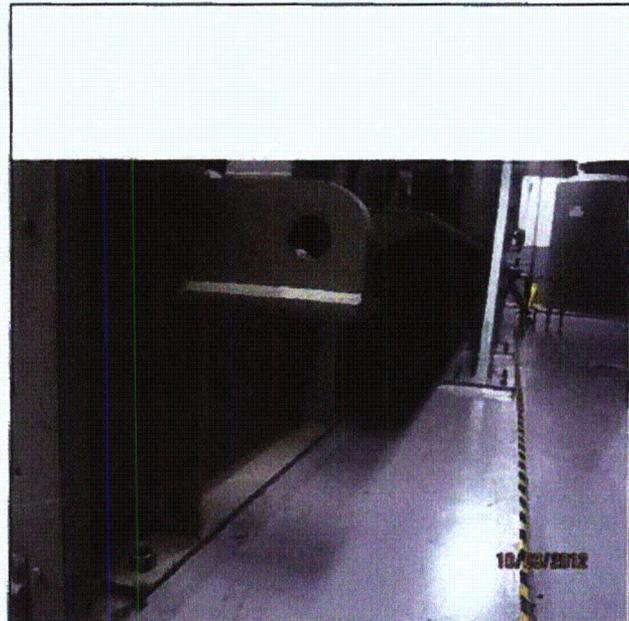
Equipment ID No. ~~DG-18~~ ^{JAA 10/14/12} ₁₀₋₂₅₋₁₂ Equip. Class' 17

Equipment Description DG RM B EQUIP SKID

Photographs



Note: DG RM B EQUIP SKID



Note: DG RM B EQUIP SKID

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

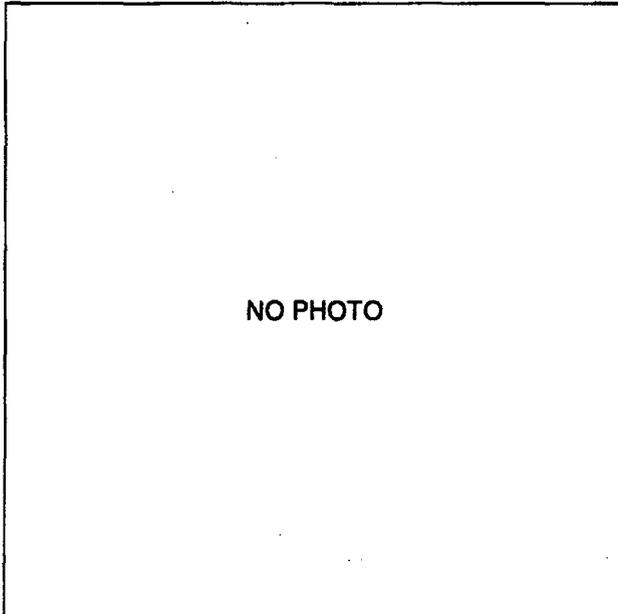
Sheet 5 of 5

Status: Y N U

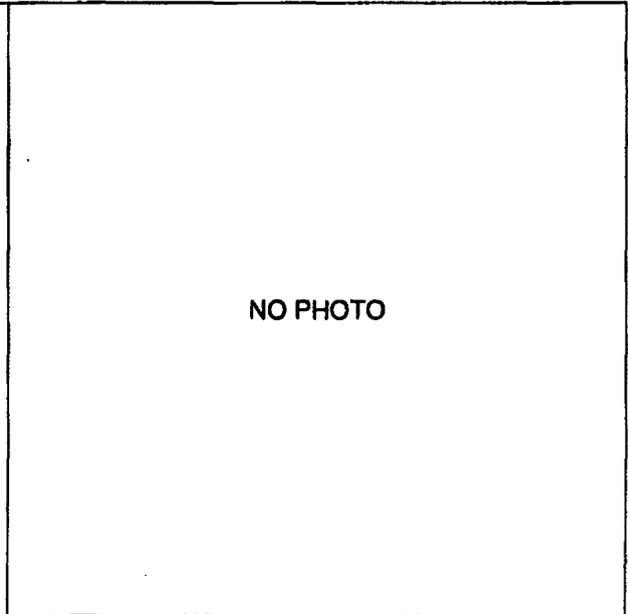
Seismic Walkdown Checklist (SWC) SWEL1- 091

Equipment ID No. ^{J.A. 12/27/11} ~~DG-7B~~ / 10-25-12 Equip. Class' 17

Equipment Description DG RM B EQUIP SKID



NO PHOTO



NO PHOTO

Note:

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-092

Equipment ID No. T-LP-1L Equip. Class¹ 04

Equipment Description TRANSFORMER FOR CABLE VAULT ROOM

Location: Bldg. CB Floor El. 262' Room, Area EAST WALL

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

~~Y~~ ~~N~~ N U JAA 10/25/12
N 10-25-12

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

Y N U N/A

Front anchorage on transformer support rod not visible due to protective foam coverage. But the entire frame seems to be very sturdy without any swing on the structural rod. No seismic impact, no CR required.

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

Y N U N/A

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

Y N U N/A

* FRONT ANCHORAGE COVERED BY PROTECTIVE FOAM AND AS SUCH IS NOT INSPECTABLE.
Julien Orell 10/25/12
[Signature] 10-25-12

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-092

Equipment ID No. T-LP-1L Equip. Class¹ 04

Equipment Description TRANSFORMER FOR CABLE VAULT ROOM

JHA 10/16/12 JHA P/W/12
10/25/12

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

~~Y~~ N U N/A

Ref. work sheet SSEL Line no. 001396, Drawing no. G-191323

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

Y N U

Interaction Effects

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 092

Equipment ID No. T-LP-1L Equip. Class¹ 04

Equipment Description TRANSFORMER FOR CABLE VAULT ROOM

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Note: Original inspection completed 10/15/2012. Photo taken 10/16/2012.

Referenced Documents:

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001396, Drawing G-191323

See comment on line item 2

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/16/2012

Randy Stephens Randy Stephens 10/18/2012 10/16/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

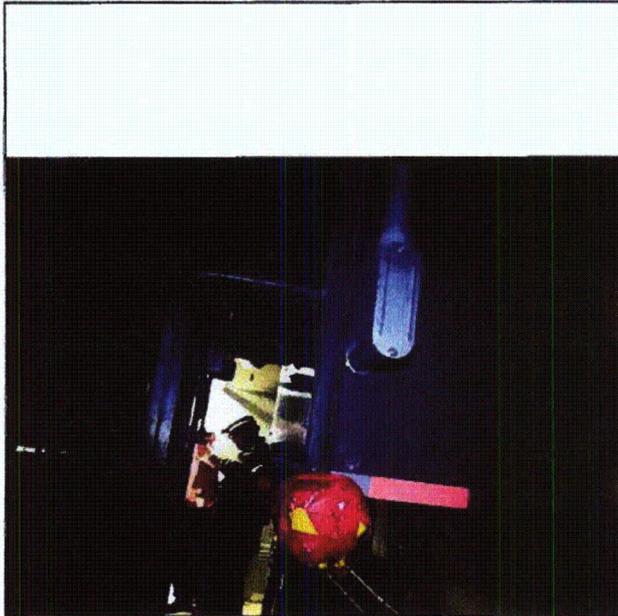
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 092

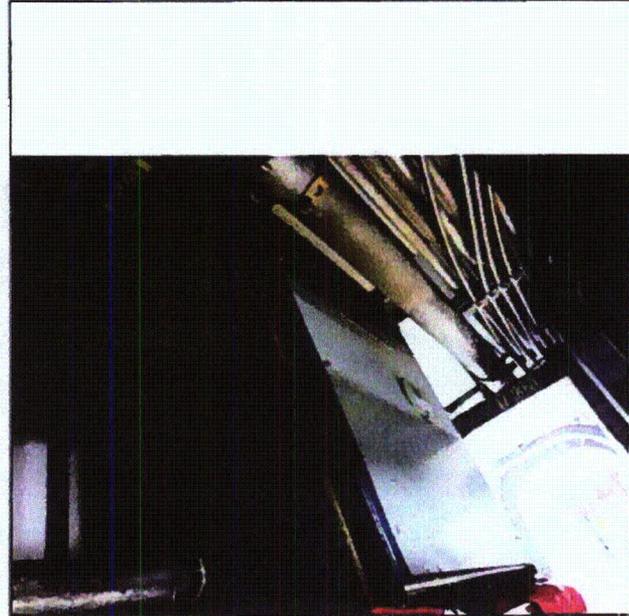
Equipment ID No. T-LP-1L Equip. Class¹ 04

Equipment Description TRANSFORMER FOR CABLE VAULT ROOM

Photographs



Note: Front lower anchorage covered by protective foam and tape. Looking North.



Note: Looking South. ID # T-LP-1L.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-092

Equipment ID No. T-LP-1L Equip. Class¹ 04

Equipment Description TRANSFORMER FOR CABLE VAULT ROOM

NO PHOTOS	NO PHOTOS
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 093**Equipment ID No. ES-1-156-5 Equip. Class¹ 20Equipment Description POWER SUPPLY FOR LSL-107-5BLocation: Bldg. CB Floor El. 272' Room, Area CONT RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 2 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 093

Equipment ID No. ES-1-156-5 Equip. Class' 20

Equipment Description POWER SUPPLY FOR LSL-107-5B

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 093

Equipment ID No. ES-1-156-5 Equip. Class¹ 20

Equipment Description POWER SUPPLY FOR LSL-107-5B

Other Adverse Conditions

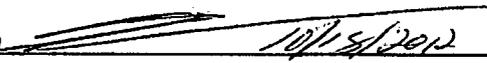
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-3770

A46/IPEEE - Screening Evaluation Work Sheet, SSEI, Line No. 001514

Evaluated by: Marcus Hecht-Nielsen  Date: 10-15-2012

Raymond Tworek  10/18/12 10-15-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

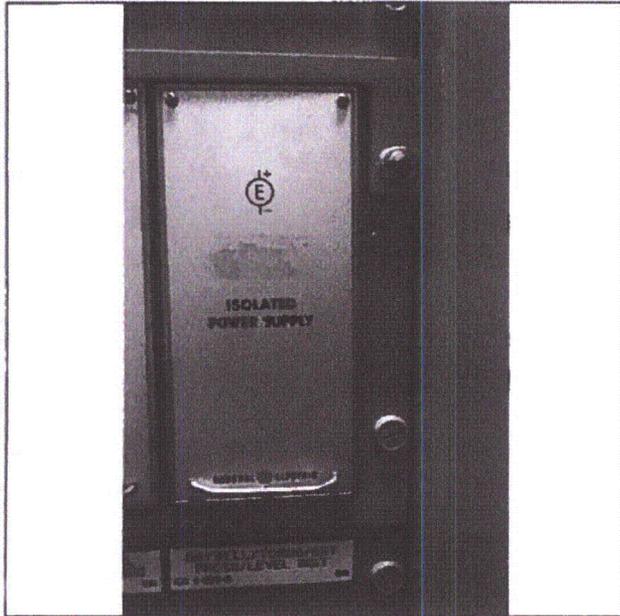
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 093

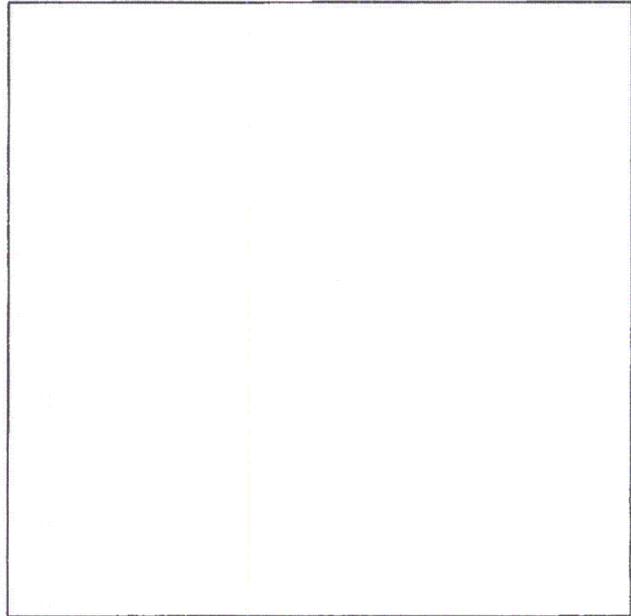
Equipment ID No. ES-1-156-5 Equip. Class¹ 20

Equipment Description POWER SUPPLY FOR LSL-107-5B

Photographs



Note: *ES-1-156-5*



Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 093

Equipment ID No. ES-1-156-5 Equip. Class¹ 20

Equipment Description POWER SUPPLY FOR LSL-107-5B

Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1-094**Equipment ID No. RK25-50A Equip. Class¹ 18 INSTRUMENTS ON RACKSEquipment Description HPCI INST. RACK (A)Location: Bldg. RB Floor El. 213' Room, Area HPCI

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1-094**Equipment ID No. RK25-50A Equip. Class¹ 18 INSTRUMENTS ON RACKSEquipment Description HPCI INST. RACK (A)

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See SSEL Line No. 001522, drawing No. 5920-3044/3045 and Sketch SK-VY-94411-1. Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 094

Equipment ID No. RK25-50A Equip. Class' 18 INSTRUMENTS ON RACKS

Equipment Description HPCI INST. RACK (A)

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Referenced Documents:

- A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 00152
- Drawing No. 5920-3044/ 3045
- Sketch SK-VY-94411-1

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/09/2012

Randy Stephens Randy Stephens 10/18/2012 10/09/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

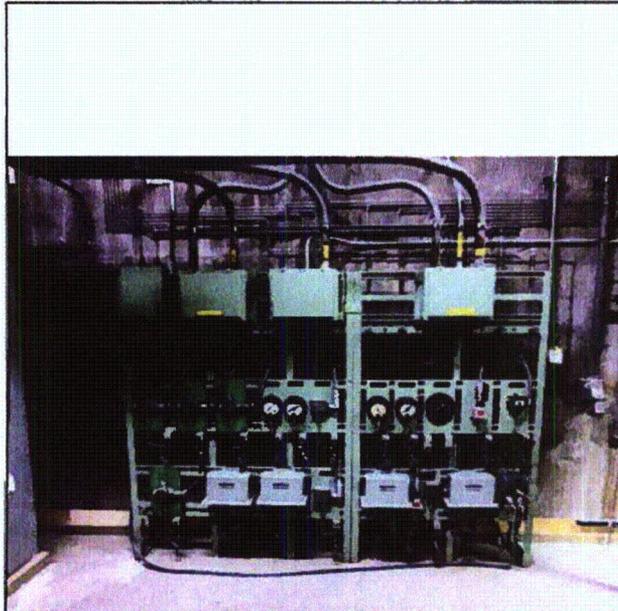
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 094

Equipment ID No. RK25-50A Equip. Class¹ 18 INSTRUMENTS ON RACKS

Equipment Description HPCI INST. RACK (A)

Photographs



Note: RK25-50A is the left section of rack.



Note: RK25-50A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-094

Equipment ID No. RK25-50A Equip. Class¹ 18 INSTRUMENTS ON RACKS

Equipment Description HPCI INST. RACK (A)

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 095**Equipment ID No. RK25-50B Equip. Class¹ 18- INSTRUMENTS ON THE RACKEquipment Description HPCI-INSTRUMENT RACK BLocation: Bldg. RB Floor El. 213' Room, Area HPCI

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 095**Equipment ID No. RK25-50B Equip. Class¹ 18- INSTRUMENTS ON THE RACKEquipment Description HPCI-INSTRUMENT RACK B

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
 See SSEL Line No. 001523, drawing 5920-3045/3044 and sketch SK-VY-94411-1.
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 095

Equipment ID No. RK25-50B Equip. Class¹ 18- INSTRUMENTS ON THE RACK

Equipment Description HPCI-INSTRUMENT RACK B

Other Adverse Conditions

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

Pump discharge pressure panel no.23-81 has one missing metal screw (lower left). No seismic impact since it is firmly secured on its mounting with 3 of 4 screws. See CR-VTY-2012-05118.

Comments (Additional pages may be added as necessary)

Referenced Documents:

*A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 001523, Drawing 5920-3045 / 3044
Sketch SK-VY-94411-1*

Evaluated by: Kirit Parikh *K Parikh* 10/18/2012 Date: 10/09/2012

Randy Stephens *Randy Stephens* 10/18/2012 10/09/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

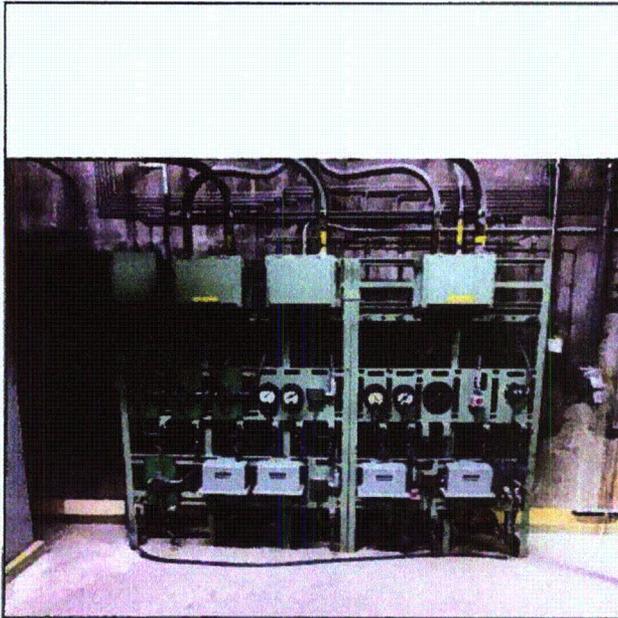
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-095

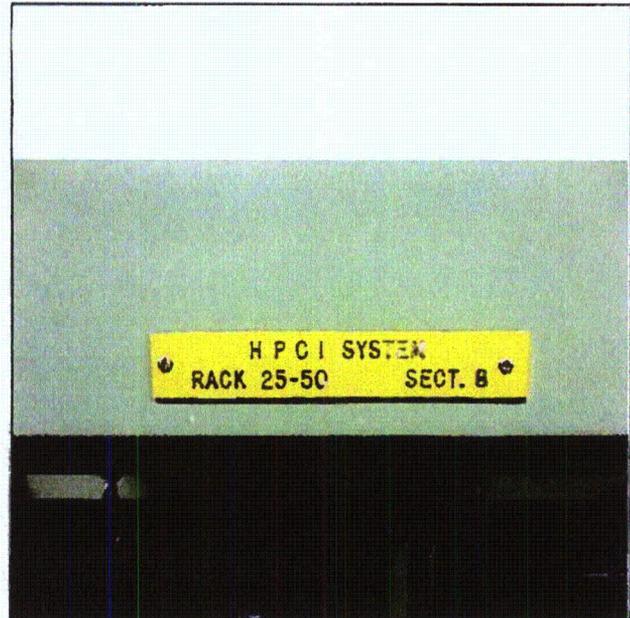
Equipment ID No. RK25-50B Equip. Class¹ 18- INSTRUMENTS ON THE RACK

Equipment Description HPCI-INSTRUMENT RACK B

Photographs



Note: RK25-50B is the right side section of rack.



Note: RK25-50B

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

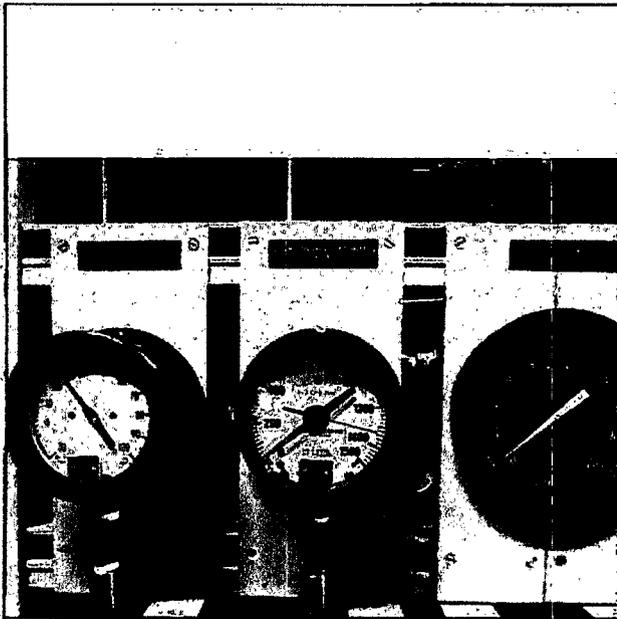
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1-095

Equipment ID No. RK25-50B Equip. Class¹ 18- INSTRUMENTS ON THE RACK

Equipment Description HPCI-INSTRUMENT RACK B



Note: Left lower screw missing from Pump Discharge Pressure no. 23-81.
No seismic impact. See CR-VTY-2012-05118

NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 1 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 096Equipment ID No. RK25-52A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description JET PUMP INST. RACK (52A)Location: Bldg. RB Floor El. 252 Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
The concrete floor is covered with a protective coating. However, there are no visible cracks in the coating and/or around the rack. By engineering judgment the concrete is okay.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 096**Equipment ID No. RK25-52A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description JET PUMP INST. RACK (52A)

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
 See A46/IPEEE – SSEL Line No. 001526 and sketch SK-VY-94411

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A
There is a cabinet next to the rack with a gap ranging from 1/3" at the bottom to 1-1/4" at the top. Per the original SEWS and engineering judgment the system is seismically okay.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 096

Equipment ID No. RK25-52A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52A)

Other Adverse Conditions

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

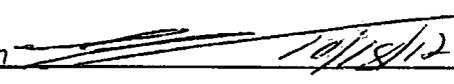
Comments (Additional pages may be added as necessary)

Reference Documents:

A46/IPEEE -- SSEL Line No. 001526

Drawings 5920-3055, R10 and 5920-3057, R4

Sketch SK-VY-94411-1

Evaluated by: Marcus Hecht-Nielsen  Date: 10-04-2012

Raymond Tworek  10/18/12 10-04-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

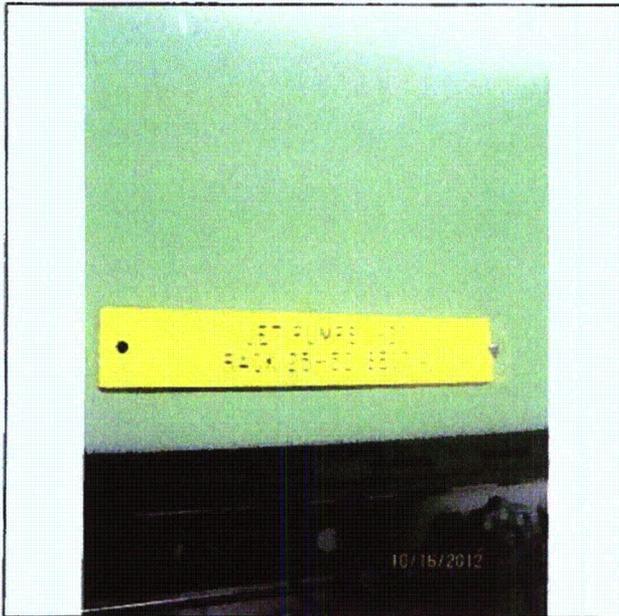
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 096

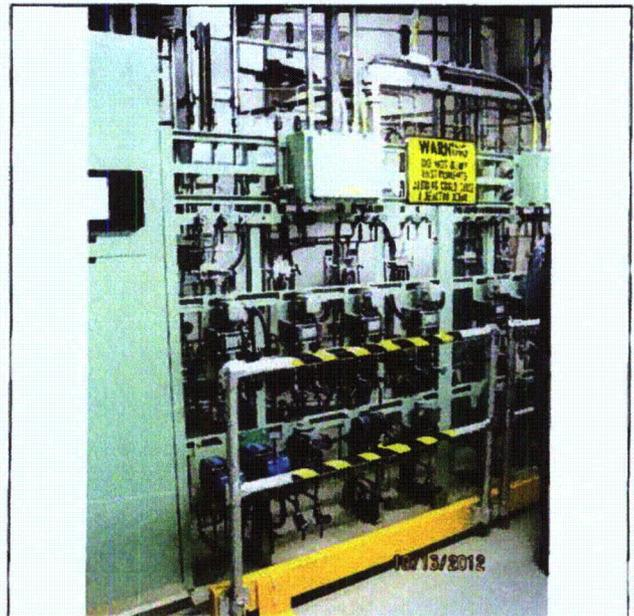
Equipment ID No. RK25-52A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52A)

Photographs



Note: RK25-52A



Note: RK25-52A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 096

Equipment ID No. RK25-52A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52A)

Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 097**Equipment ID No. RK25-52B Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description JET PUMP INST. RACK (52B)Location: Bldg. RB Floor El. 252 Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
The concrete floor is covered with a protective coating. However, there are no visible cracks in the coating and/or around the rack. By engineering judgment the concrete is okay.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 097**Equipment ID No. RK25-52B Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description JET PUMP INST. RACK (52B)

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See A46/IPEEE – SSEL Line No. 001526 and sketch SK-VY-94411

Y N U N/A

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

Y N U **Interaction Effects**

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 097

Equipment ID No. RK25-52B Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52B)

Other Adverse Conditions

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

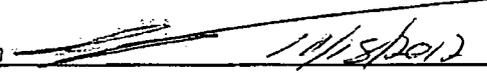
Comments (Additional pages may be added as necessary)

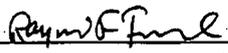
Reference Documents:

A46/IPEEE - SSEL Line No. 001527

Drawings 5920-3055, R10 and 5920-3057, R4

Sketch SK-VY-94411-1

Evaluated by: Marcus Hecht-Nielsen  Date: 10-04-2012

Raymond Tworek  10/18/12 10-04-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

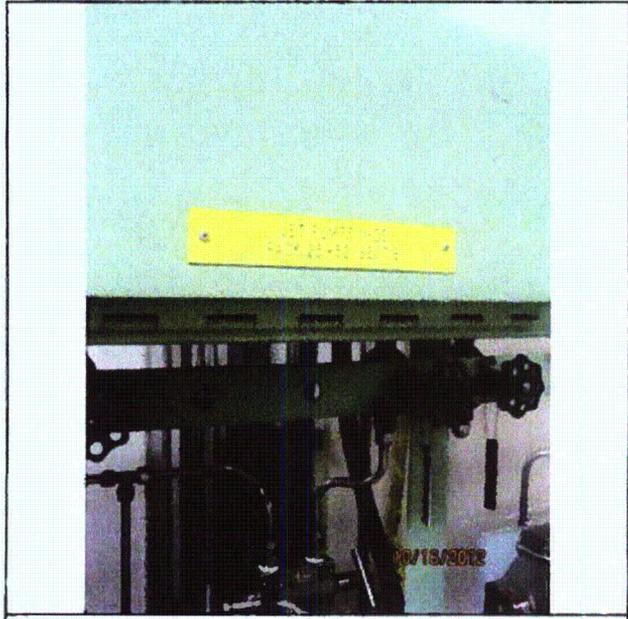
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 097

Equipment ID No. RK25-52B Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52B)

Photographs



Note: RK25-52B



Note: RK25-52B

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 097

Equipment ID No. RK25-52B Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description JET PUMP INST. RACK (52B)

<p>Note:</p>	<p>Note:</p>

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 098**Equipment ID No. RK25-6A Equip. Class¹ 18Equipment Description REACTOR PROT. & NSSS INST. RACKLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
There is a protective cover on the concrete and the concrete is not visible. However, the protective cover shows no signs of stress or cracking and is seismically okay by engineering judgment.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 098**Equipment ID No. RK25-6A Equip. Class¹ 18Equipment Description REACTOR PROT. & NSSS INST. RACK

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 01534 and SK-VY-94411-1
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?

Y N U N/A Y N U **Interaction Effects**

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

Y N U N/A Y N U N/A Y N U N/A Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 098

Equipment ID No. FK25-6A Equip. Class' 18

Equipment Description REACTOR PROT. & NSSS INST. RACK

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

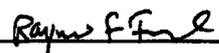
The guard rail is missing anchor bolts. This same issue was brought up in the original SEWS. It is not a seismic issue; the hand rail will not fall over during an earthquake.

Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE - Screening Evaluation Work Sheet, SSEL Line No. 01534

Evaluated by: Marcus Hecht-Nielsen  Date: 10-09-2012

Raymond Tworek  10/17/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

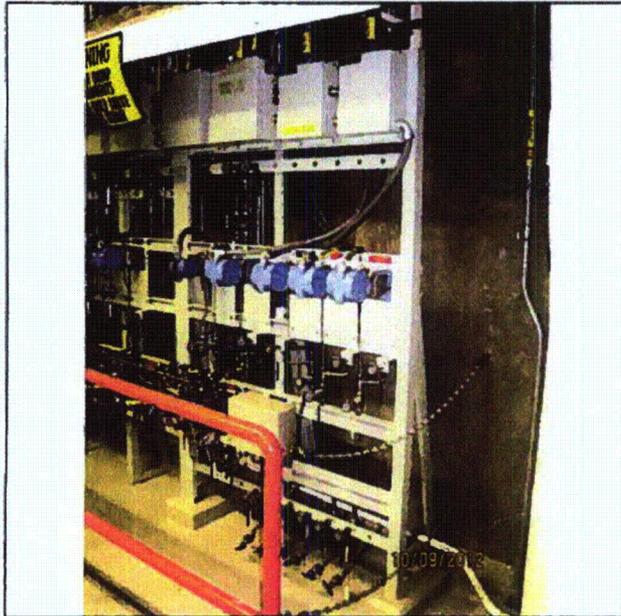
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 098

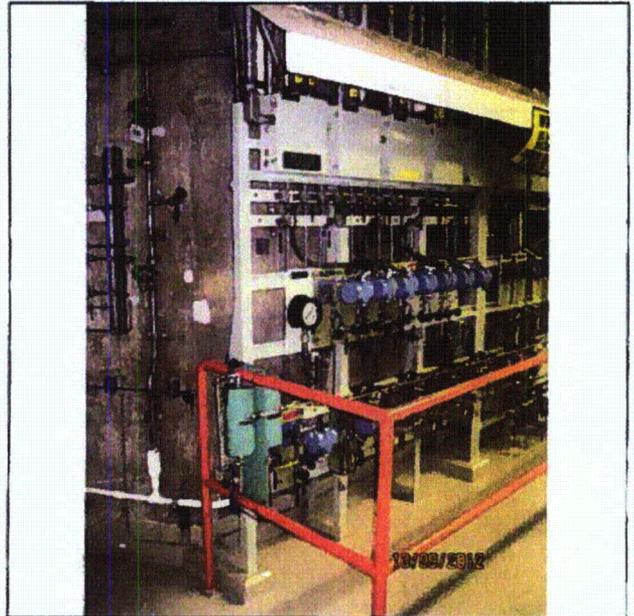
Equipment ID No. RK25-6A Equip. Class¹ 18

Equipment Description REACTOR PROT. & NSSS INST. RACK

Photographs



Note: *Instrument rack*



Note: *Instrument rack*

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

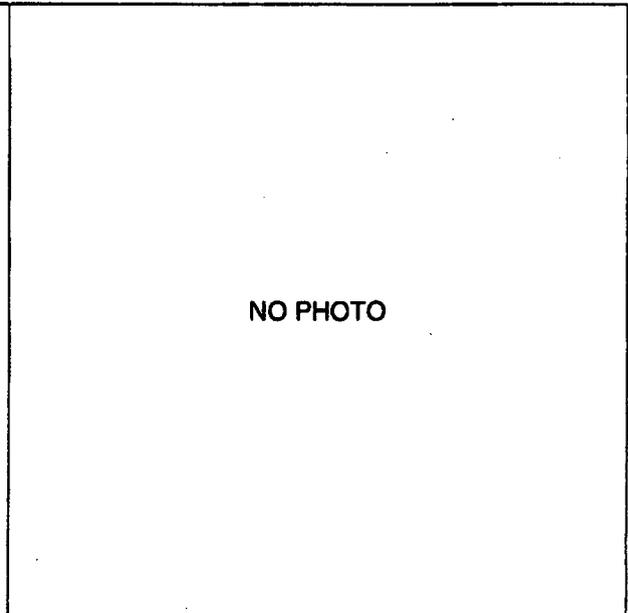
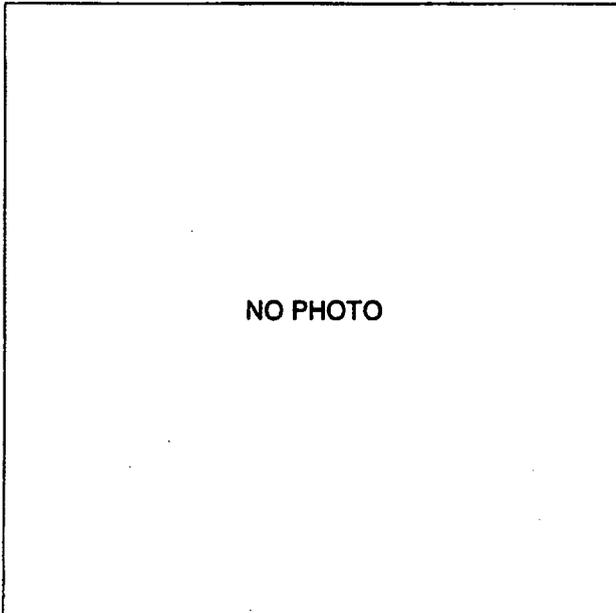
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 098

Equipment ID No. BK25-6A Equip. Class' 18

Equipment Description REACTOR PROT. & NSSS INST. RACK



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 099**Equipment ID No. RK25-6B Equip. Class¹ 18Equipment Description REACTOR PROT. & NSSS INST. RACKLocation: Bldg. RB Floor El. 280' Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
There is a protective cover on the concrete and the concrete is not visible. However, the protective cover shows no signs of stress or cracking and is seismically okay by engineering judgment.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 099**Equipment ID No. RK25-6B Equip. Class¹ 18Equipment Description REACTOR PROT. & NSSS INST. RACK

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 01535 and SK-VY-94411-1 Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U Seismic Walkdown Checklist (SWC) SWEL1- 099Equipment ID No. RK25-6B Equip. Class¹ 18Equipment Description REACTOR PROT. & NSSS INST. RACK**Other Adverse Conditions**

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

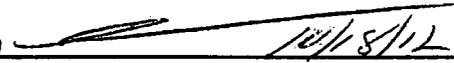
Comments (Additional pages may be added as necessary)

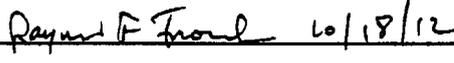
The guard rail is missing anchor bolts. This same issue was brought up in the original SEWS. It is not a seismic issue; the hand rail will not fall over during an earthquake.

Referenced Documents:

Drawings: 5920-3016, 5920-3017, 5920-3018, and sketch no. SK-VY-94411-1

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 01535

Evaluated by: Marcus Hecht-Nielsen  Date: 10-09-2012

Raymond Tworek  10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

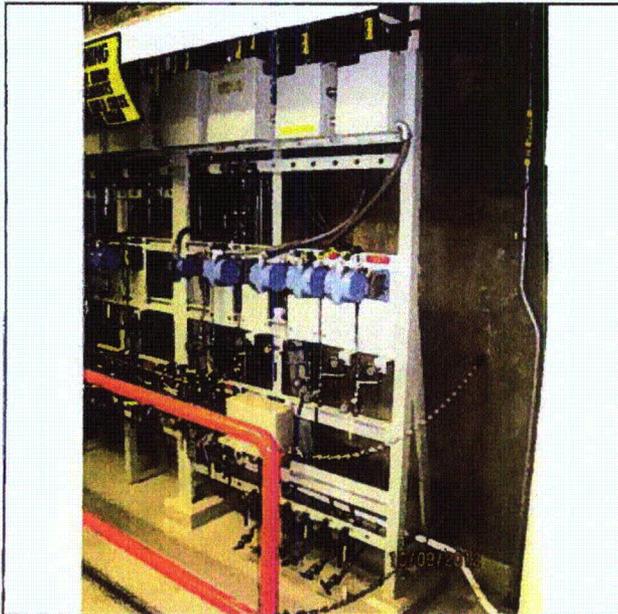
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 099

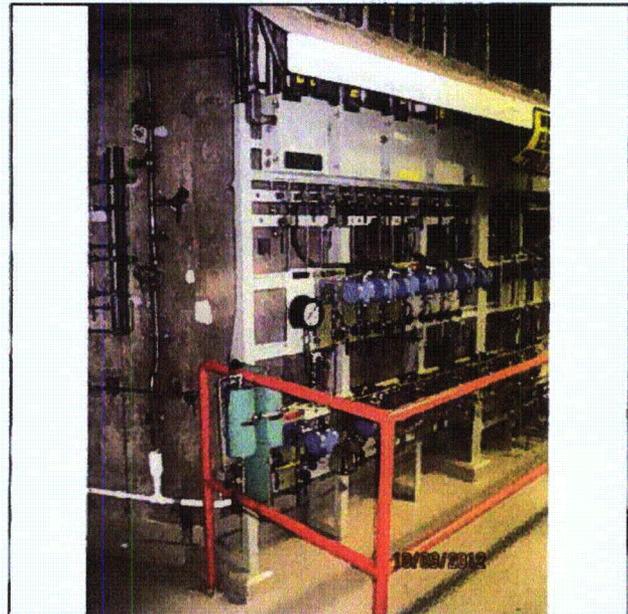
Equipment ID No. RK25-6B Equip. Class¹ 18

Equipment Description REACTOR PROT. & NSSS INST. RACK

Photographs



Note: *Instrument rack*



Note: *Instrument rack*

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

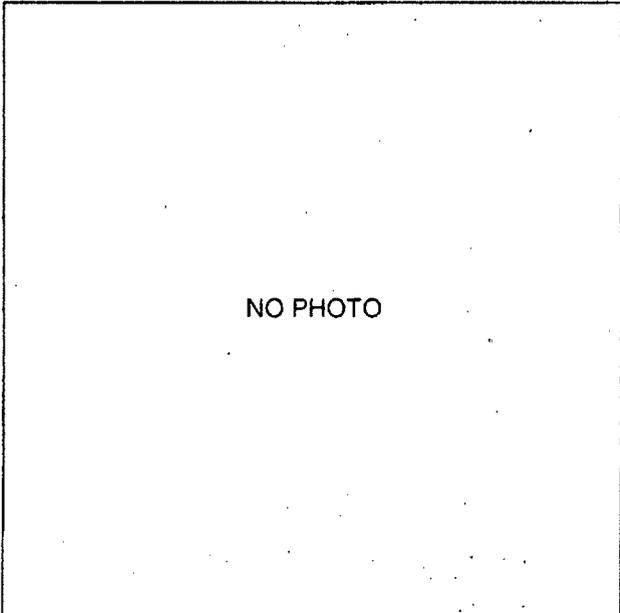
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 099

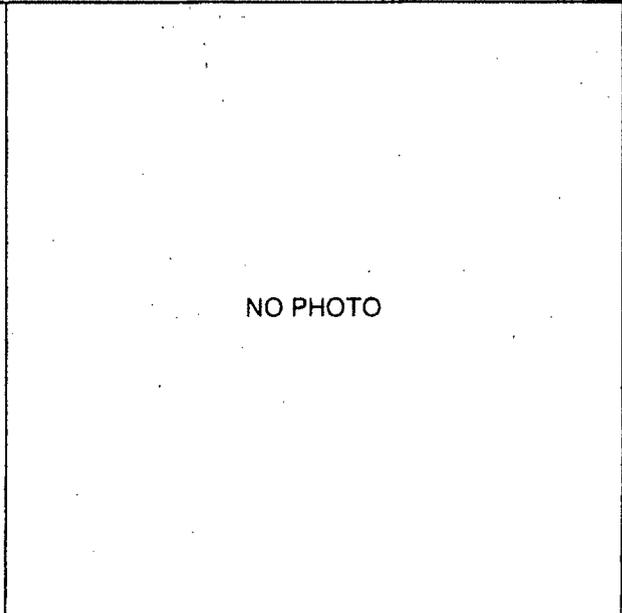
Equipment ID No. RK25-6B Equip. Class¹ 18

Equipment Description REACTOR PROT. & NSSS INST. RACK



NO PHOTO

Note:



NO PHOTO

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 100**Equipment ID No. RK-25-66 Equip. Class¹ 18Equipment Description CST INST. RACKLocation: Bldg. CST Floor El. 252' Room, Area INSIDE

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 100**Equipment ID No. RK-25-66 Equip. Class¹ 18Equipment Description CST INST. RACK

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
 See drawing 5920-6041 (SSEL Line No. 01566)
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 100

Equipment ID No. RK-25-66 Equip. Class' 18

Equipment Description CST INST. RACK

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U
A small temporary power supply cart is near by (about 12' away) unchained. Has no seismic impact on any component. See the attached picture.

Comments (Additional pages may be added as necessary)

Referenced Documents:

Drawings: 5920-6041

A46/IPEEE – Screening Evaluation Work Sheet, SSEL Line No. 01566

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/02/2012

Randy Stephens Randy Stephens 10/18/2012 10/02/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

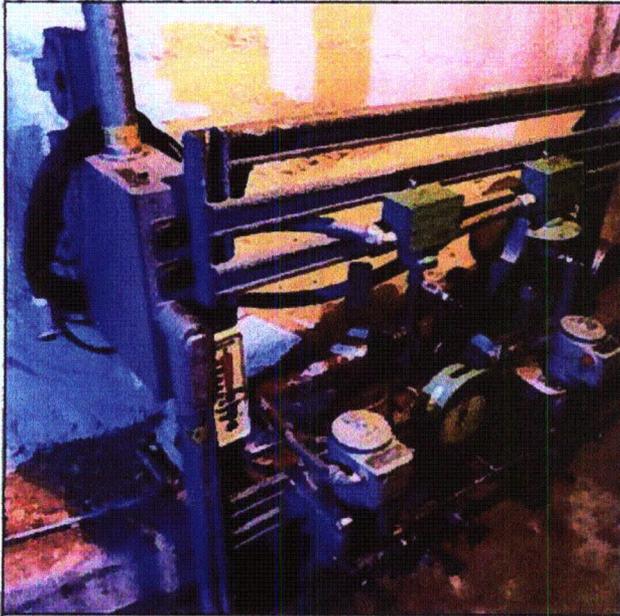
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 100

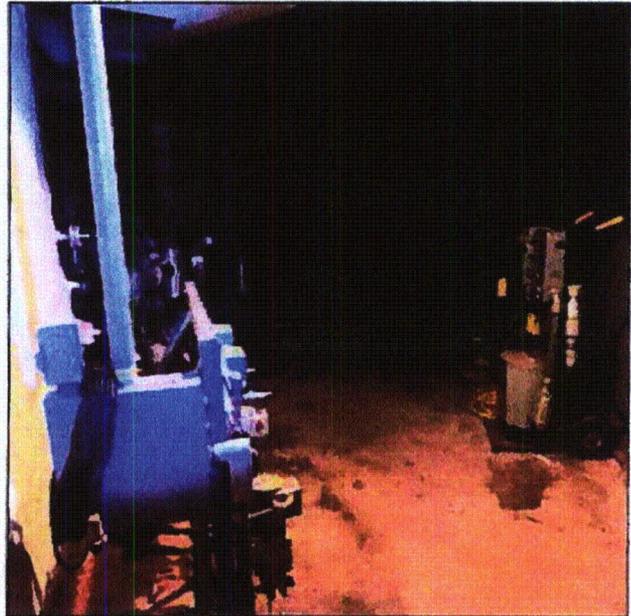
Equipment ID No. RK-25-66 Equip. Class¹ 18

Equipment Description CST INST. RACK

Photographs



Note: CST INST. RACK # RK-25-66



Note: Unsecured temporary power equipment mounted to wheel car near CST INST. RACK. Not a seismic interaction concern considering its mass, low center of gravity and distance from instrument rack.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 100

Equipment ID No. RK-25-66 Equip. Class¹ 18

Equipment Description CST INST. RACK

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 101**Equipment ID No. ES-24DC-2 Equip. Class¹ 16Equipment Description POWER SUPPLY FOR ECCS PANEL BLocation: Bldg. CB Floor El. 248' Room, Area SWGR EAST

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EIPRI 1025286. Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 101**Equipment ID No. ES-24DC-2 Equip. Class' 16Equipment Description POWER SUPPLY FOR ECCS PANEL B

5. Is the anchorage configuration consistent with plant documentation? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
See VYC-2165

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage? Y N U N/A
Rigid connections, however, connection of lines is close to anchorage (near the wall) seismically okay.

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 101

Equipment ID No. ES-24DC-2 Equip. Class' 16

Equipment Description POWER SUPPLY FOR ECCS PANEL B

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Reference Documents:
VYC-2165, Rev.0

Evaluated by: Marcus Hecht-Nielsen ~~_____~~ 10/18/2012 Date: 10-09-2012

Raymond Tworek Raymond Tworek 10/18/12 10-09-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

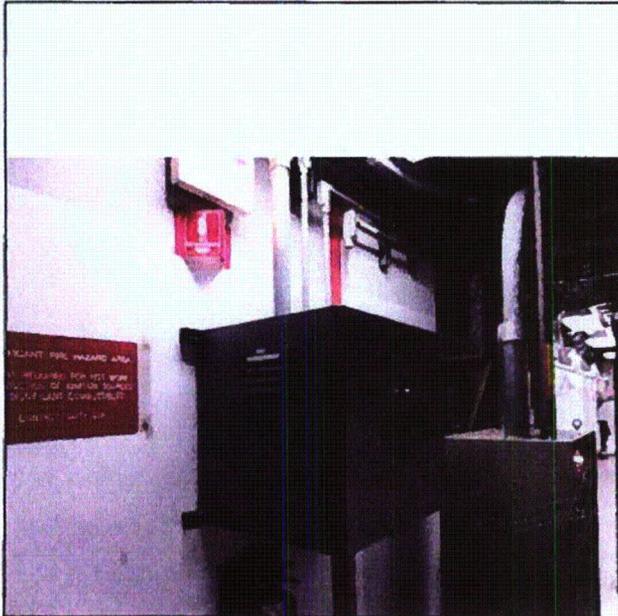
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 101

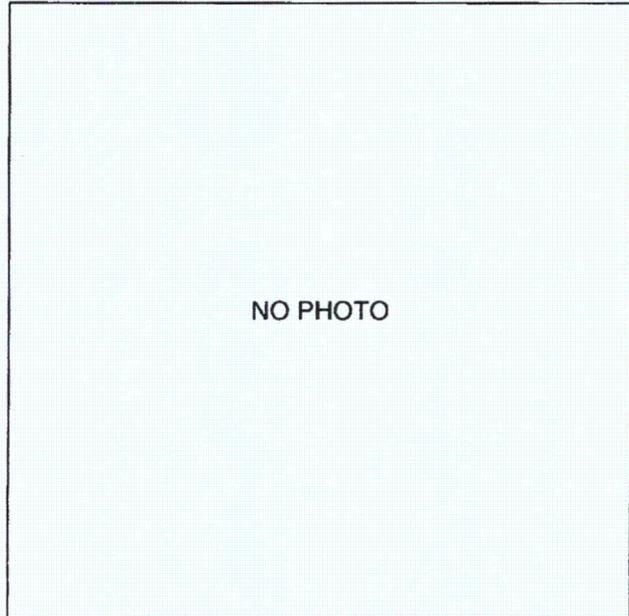
Equipment ID No. ES-24DC-2 Equip. Class¹ 16

Equipment Description POWER SUPPLY FOR ECCS PANEL B

Photographs



Note: ES - 24DC - 2



NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

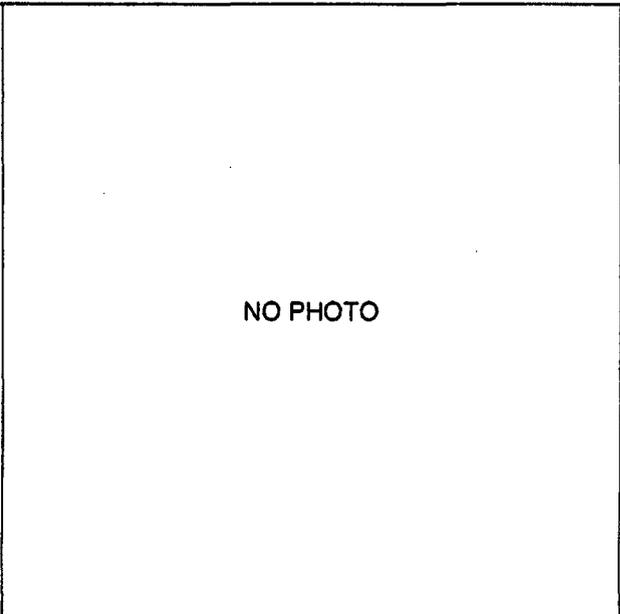
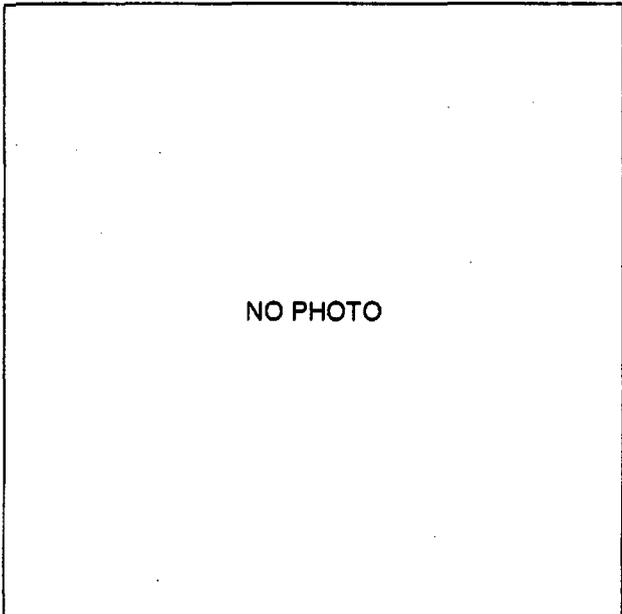
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 101

Equipment ID No. ES-24DC-2 Equip. Class¹ 16

Equipment Description POWER SUPPLY FOR ECCS PANEL B



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 102**Equipment ID No. CYL-72-1A Equip. Class¹ 21Equipment Description NITROGEN BOTTLE FOR BACKUP SRV SUPPLYLocation: Bldg. BB Floor El. 252' Room, Area NORTH

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL1- 102**Equipment ID No. CYL-72-1A Equip. Class¹ 21Equipment Description NITROGEN BOTTLE FOR BACKUP SRV SUPPLY

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)
- Y N U N/A

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

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures?
- Y N U N/A

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?
- Y N U N/A

9. Do attached lines have adequate flexibility to avoid damage?
- Y N U N/A

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?
- Y N U

Three loose nuts exist on the cylinder u-bolts. All other nuts are tight.

See AWC-029. Not a seismic concern.

See CR-VTY-2012-05006 for corrective action.

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 102

Equipment ID No. CYL-72-1A Equip. Class¹ 21

Equipment Description NITROGEN BOTTLE FOR BACKUP SRV SUPPLY

Other Adverse Conditions

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

A cylinder cart is near the existing nitrogen cylinder (less than 6"). It is chained, but very close to the cylinder bottles. See AWC -029. Cart is very light. Not a seismic concern.

Comments (Additional pages may be added as necessary)

Reference Documents:

Drawing 5920-12740, R0

CR-VTY-2012-05006

Evaluated by: Kirit Parikh K Parikh 10/18/2012 Date: 10/11/2012

Randy Stephens Randy Stephens 10/18/2012 10/11/2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL1- 102

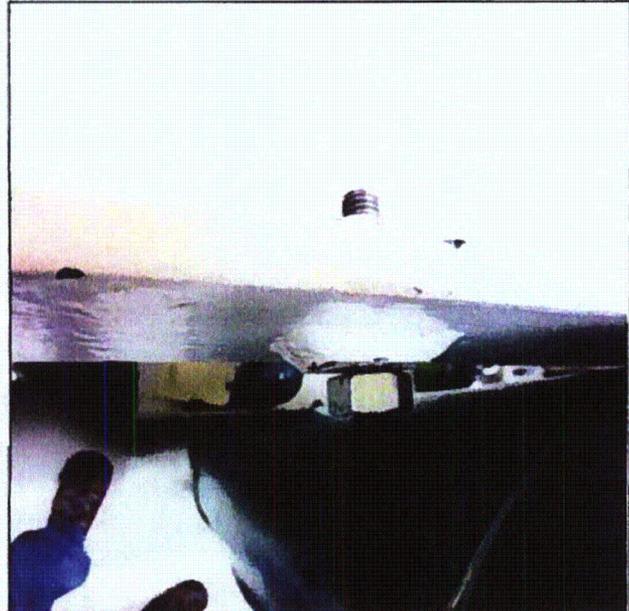
Equipment ID No. CYL-72-1A Equip. Class¹ 21

Equipment Description NITROGEN BOTTLE FOR BACKUP SRV SUPPLY

Photographs



Note: ID# CYL-72-1A next to cylinder cart.



Note: Nut not fully engaged (left bottle, upper U-bolt).

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

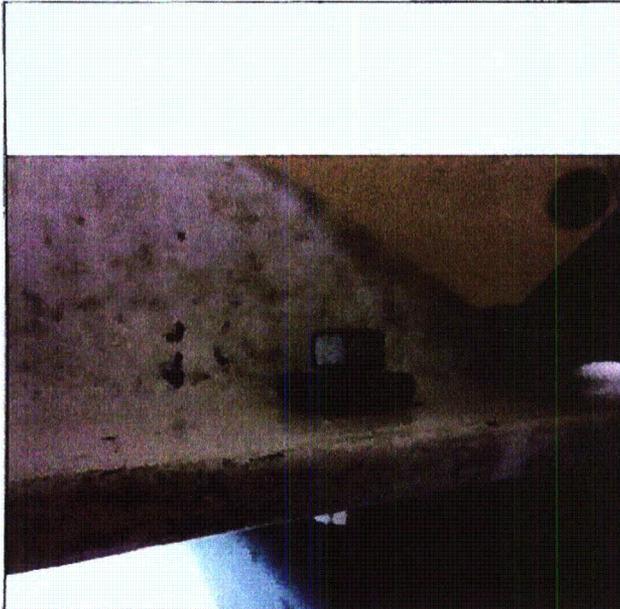
Sheet 5 of 5

Status: Y N U

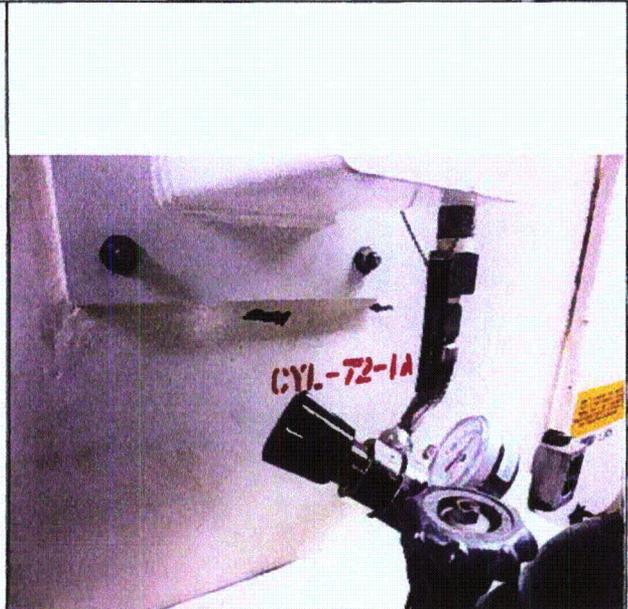
Seismic Walkdown Checklist (SWC) SWEL1- 102

Equipment ID No. CYL-72-1A Equip. Class' 21

Equipment Description NITROGEN BOTTLE FOR BACKUP SRV SUPPLY



Note: Nut not fully engaged (left bottle, lower U-bolt).



Note: ID# CYL-72-1A

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL2- 001**Equipment ID No. RK-10AA Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description RACKLocation: Bldg. RB Floor El. 303 Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
There is a protective cover on the concrete and the concrete is not visible. However, the protective cover shows no signs of stress or cracking and is seismically okay by engineering judgment.

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL2- 001**Equipment ID No. RK-10AA Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description RACK

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.)

Y N U N/A

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

Y N U **Interaction Effects**

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 001

Equipment ID No. RK-10AA Equip. Class¹ 18 - INSTRUMENTS ON RACKS

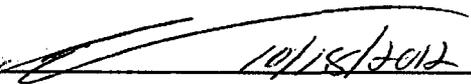
Equipment Description RACK

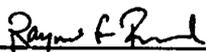
Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

SWEL2 PHOTOS

Evaluated by: Marcus Hecht-Nielsen  10/18/2012 Date: 10-10-2012

Raymond Tworek  10/18/12 10-10-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

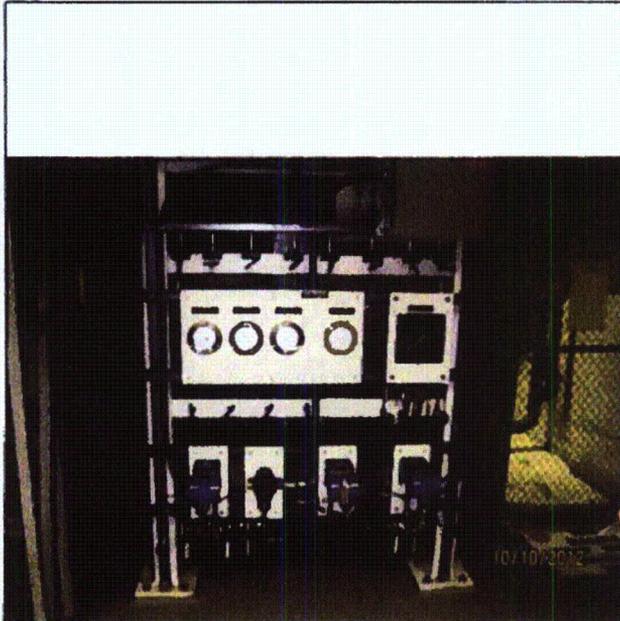
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 001

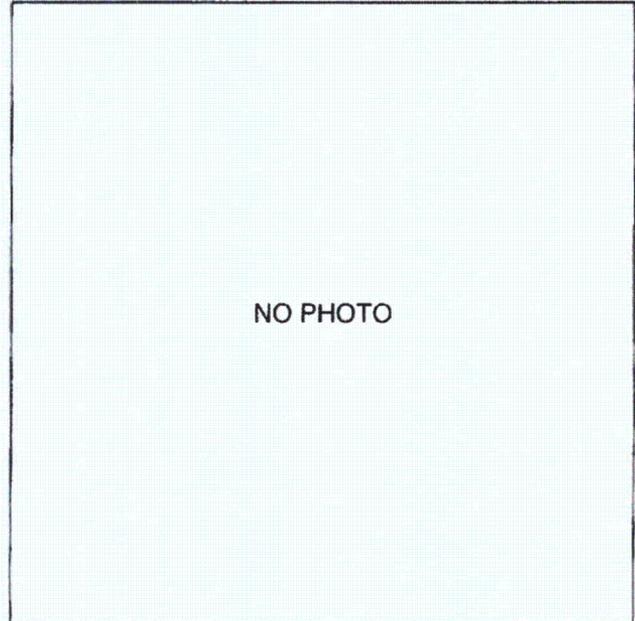
Equipment ID No. RK-10AA Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description RACK

Photographs



Note: *RK-10AA*



NO PHOTO

Note:

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 001

Equipment ID No. RK-10AA Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description RACK

NO PHOTO	NO PHOTO
Note:	Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL2- 002**Equipment ID No. dPT-19-76A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description DIFFERENTIAL PRESSURE TRANSMITTER (RK-10AA)Location: Bldg. RB Floor El. 303 Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
Attached to rack.

¹ Enter the equipment class name from EPRI 1025286. Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U**Seismic Walkdown Checklist (SWC) SWEL2- 002**Equipment ID No. dPT-19-76A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description DIFFERENTIAL PRESSURE TRANSMITTER (RK-10AA)

5. Is the anchorage configuration consistent with plant documentation?
(Note: This question only applies if the item is one of the 50% for which anchorage configuration verification is required.) Y N U N/A
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

Interaction Effects

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

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 002

Equipment ID No. dPT-19-76A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

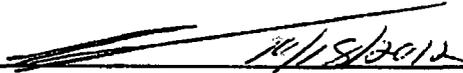
Equipment Description DIFFERENTIAL PRESSURE TRANSMITTER (RK-10AA)

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

SWEL2 PHOTOS

Evaluated by: Marcus Hecht-Nielsen  Date: 10-10-2012

Raymond Tworek  10/18/12 Date: 10-10-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

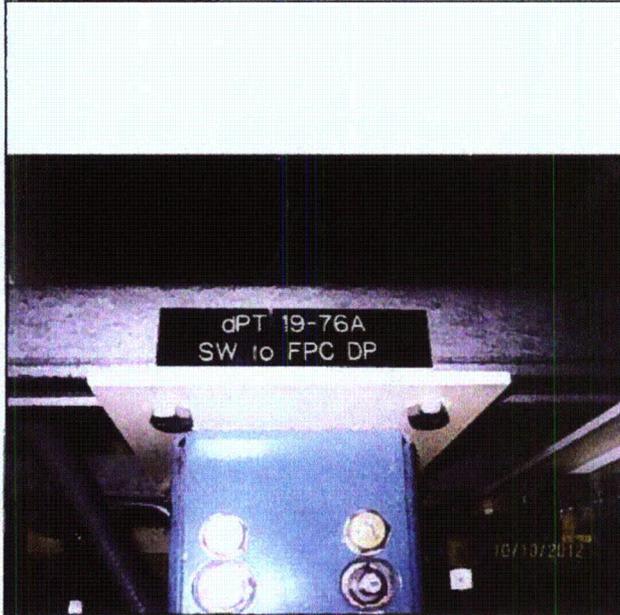
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 002

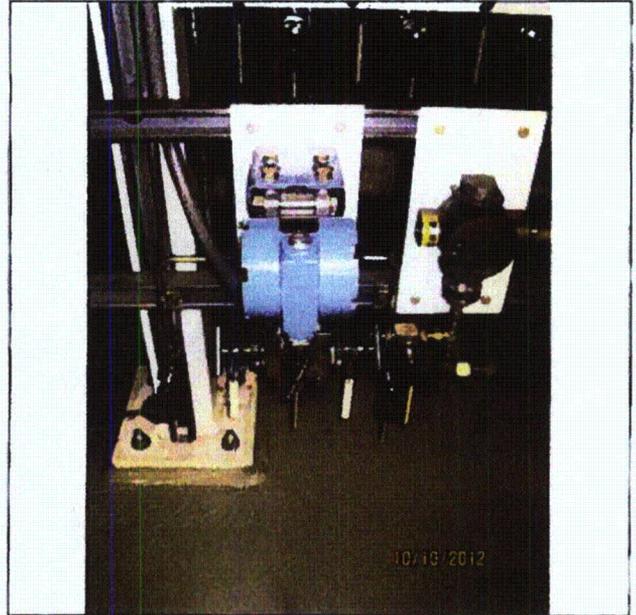
Equipment ID No. dPT-19-76A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description DIFFERENTIAL PRESSURE TRANSMITTER (RK-10AA)

Photographs



Note: dPT-19-76A



Note: dPT-19-76A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

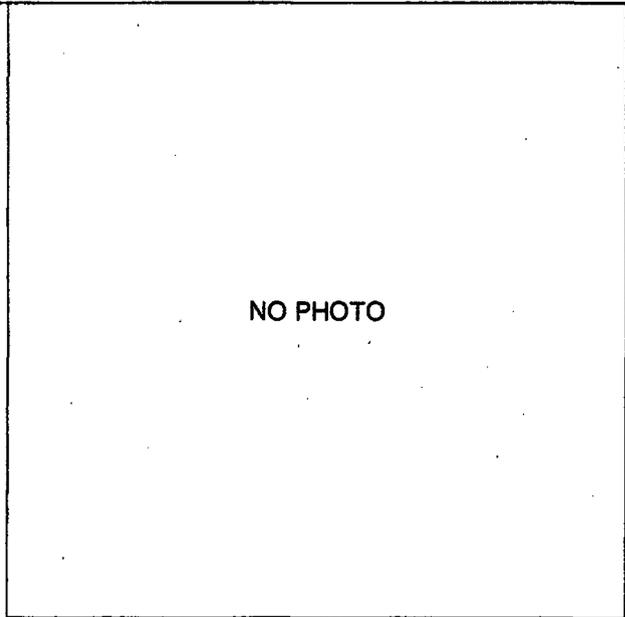
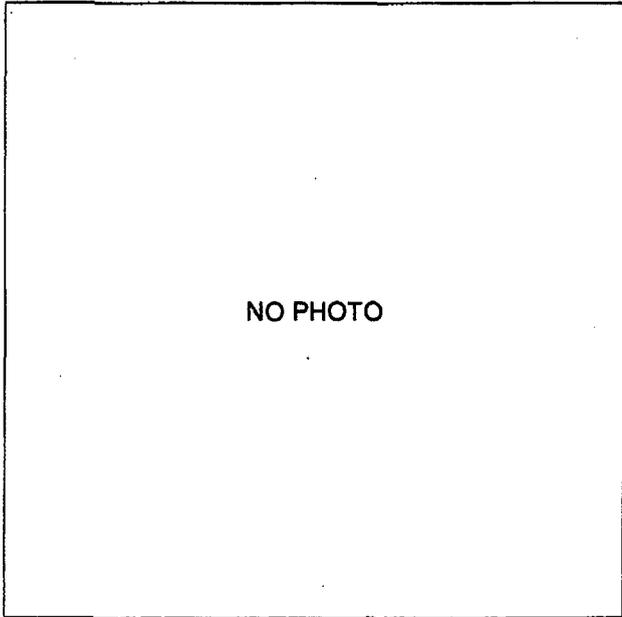
Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 002

Equipment ID No. dPT-19-76A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description DIFFERENTIAL PRESSURE TRANSMITTER (RK-10AA)



Note:

Note:

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 1 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL2- 003**Equipment ID No. PT-19-81A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description PRESSURE TRANSMITTER (RK-10AA)Location: Bldg. RB Floor El. 303 Room, Area _____

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

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

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A

4. Is the anchorage free of visible cracks in the concrete near the anchors?
Attached to rack. Y N U N/A

¹ Enter the equipment class name from EPRI 1025286, Appendix B: Classes of Equipment.

ATTACHMENT 9.6**SEISMIC WALKDOWN CHECKLIST FORM**

Sheet 2 of 5

Status: Y N U **Seismic Walkdown Checklist (SWC) SWEL2- 003**Equipment ID No. PT-19-81A Equip. Class¹ 18 - INSTRUMENTS ON RACKSEquipment Description PRESSURE TRANSMITTER (RK-10AA)

5. Is the anchorage configuration consistent with plant documentation?
 (Note: This question only applies if the item is one of the 50% for which
 anchorage configuration verification is required.)

Y N U N/A

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

Y N U **Interaction Effects**

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

Y N U N/A

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

Y N U N/A

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

Y N U N/A

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

Y N U

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 003

Equipment ID No. PT-19-81A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

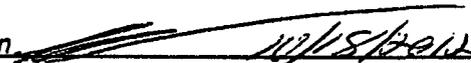
Equipment Description PRESSURE TRANSMITTER (RK-10AA)

Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

SWEL2 PHOTOS

Evaluated by: Marcus Hecht-Nielsen  Date: 10-10-2012

Raymond Tworek  10-10-2012

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 4 of 5

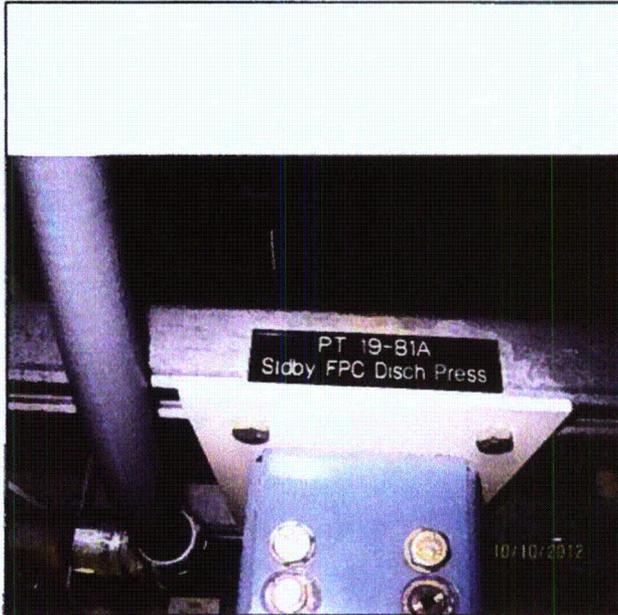
Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 003

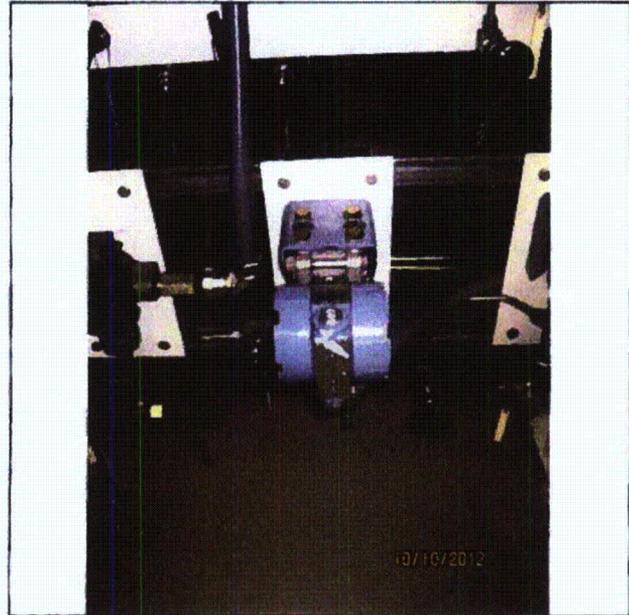
Equipment ID No. PT-19-81A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description PRESSURE TRANSMITTER (RK-10AA)

Photographs



Note: PT-19-81A



Note: PT-19-81A

ATTACHMENT 9.6

SEISMIC WALKDOWN CHECKLIST FORM

Sheet 5 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SWEL2- 003

Equipment ID No. PT-19-81A Equip. Class¹ 18 - INSTRUMENTS ON RACKS

Equipment Description PRESSURE TRANSMITTER (RK-10AA)

NO PHOTO	NO PHOTO
Note:	Note: