# AC

## Seismic Walkdown Checklists (SWCs)

Table AC-1 provides a description of each item, anchorage verification confirmation, a list of Area Walk-By Checklists associated with each item, comments, and page numbers of each Seismic Walkdown Checklist. All items in Table AC-1 were deferred items listed in Table E-1 of Enclosure 2 of Exelon letter to the NRC (RS-12-163), and were accessible during the follow-on walkdowns.

Table AC-2 provides description of each item subject to supplemental internal inspections. All items in Table AC-2 were electrical cabinets subject to Supplemental Internal Inspections as listed in Table E-2 of Enclosure 2 of Exelon letter to the NRC (RS-12-163), and were accessible without safety and operational hazard.

**Table AC-1**. Summary of Seismic Walkdown Checklists

| COMPONENT ID | DESCRIPTION | Anchorage Verification Confirmed? | AWC | COMMENTS | PAGE NO. |
|---|---|---|---|---|---|
| 2B21-A004C | ACCUMULATOR, MSRV | N | 5-1 | SWEL 1 | AC-3 |
| 2B21-F013C | C MS LINE SAFETY/RELIEF VLV | N/A | 5-1 | SWEL 1 | AC-7 |
| 2B21-F013C-A | SRV C IMF-2 SOLENOID VALVE 'A' | N/A | 5-1 | SWEL 1 | AC-10 |
| 2B21-F022C | C MS INBD ISOL VLV | N/A | 5-2 | SWEL 1 | AC-13 |
| 2B21-F028C | C MS OTBD ISOL VLV | N/A | 5-3 | SWEL 1 | AC-16 |
| 2B21-F028C-P2 | VALVE, SOLENOID, O/B MSIV | N/A | 5-3 | SWEL 1 | AC-20 |
| 2B21-F067C | C MS OTBD ISOL ABOVE SEAT DRN VLV | N/A | 5-3 | SWEL 1 | AC-24 |

**Table AC-2**. Summary of Seismic Walkdown Checklists for Supplemental Internal Inspections

| COMPONENT ID | DESCRIPTION | PAGE NO. |
|---|---|---|
| 2AP21E | DIV II 480V SWGR 236X | AC-28 |
| 2AP21E-303B | TRANSFORMER, 236X | AC-32 |
| 2AP78E | DIV II 480V MCC 236X-1 | AC-35 |
| 2AP81E | DIV II 480V MCC 236X-3 | AC-39 |
| 2DC02E | DIV I 250 VDC DISTRIBUTION BUS 2 | AC-42 |
| 2DC03E | 250VDC BATTERY CHARGER | AC-48 |
| 2DC05E | 250VDC MCC 221X | AC-53 |
| 2DC13E | DIV II 125VDC DISTRIBUTION PANEL 212Y | AC-57 |
| 2DC15E | DIV II 125VDC DISTRIBUTION BUS 2B | AC-62 |
| 2DC16E | DIV II 125VDC BATTERY CHARGER 2BB | AC-67 |
| 2PL33J | ASSY - PANEL, RHR B/C CUBE VENT | AC-71 |
| 2PL34J | ASSY - PANEL, RHR A CUBE VENT | AC-74 |
| 2PL35J | ASSY - PANEL, LPCS CUBE VENT | AC-77 |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-A004C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: ACCUMULATOR, MSRV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): DW, 777.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

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

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

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

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

   *The accumulator anchorage consists of a robust bolted/welded connection to drywell steel framing.*

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) — Not Applicable

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

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-A004C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: ACCUMULATOR, MSRV

**Interaction Effects**

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

**Other Adverse Conditions**

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

**Comments:**
**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez Date: 2/12/2013

James Griffith 2/12/2013

Status: [Y] N U

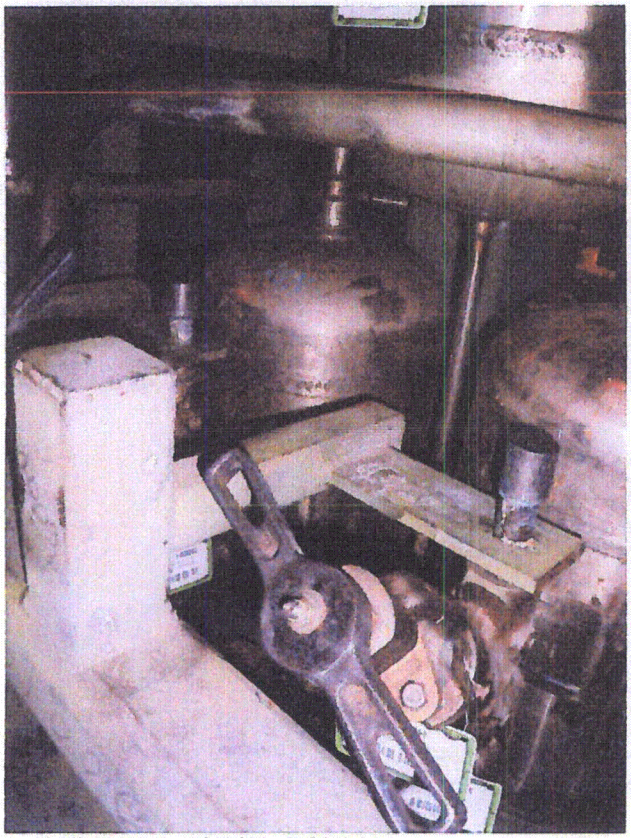
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-A004C

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: ACCUMULATOR, MSRV

**Photos**



La Salle Unit 2, 2/12/13, DCN0111

La Salle Unit 2, 2/12/13, DCN0112

Status: [Y] N U

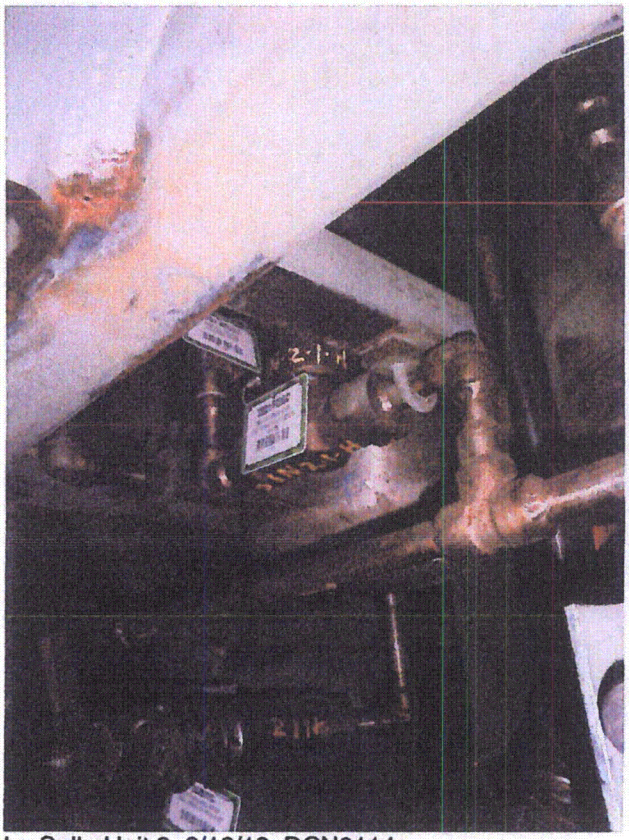
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-A004C

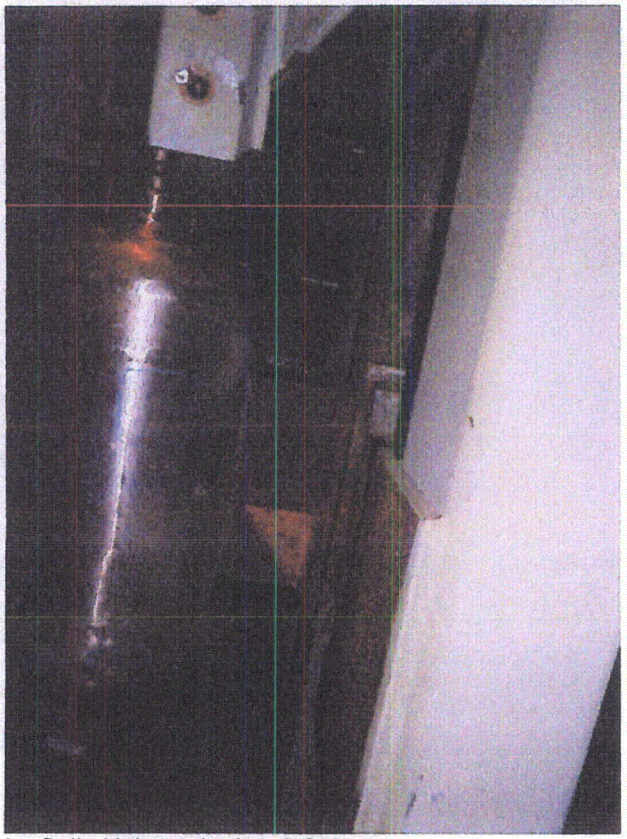
Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: ACCUMULATOR, MSRV

**Photos**



La Salle Unit 2, 2/12/13, DCN0114



La Salle Unit 2, 2/12/13, DCN0115

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F013C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS LINE SAFETY/RELIEF VLV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): DW, 777.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

| | | |
|---|---|---|
| 1. | Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F013C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS LINE SAFETY/RELIEF VLV

**Interaction Effects**

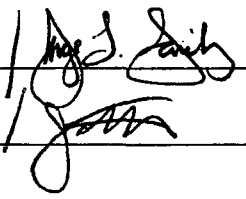
| | | |
|---|---|---|
| 7. | Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. | Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. | Do attached lines have adequate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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez  2/12/2013

James Griffith  2/12/2013

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

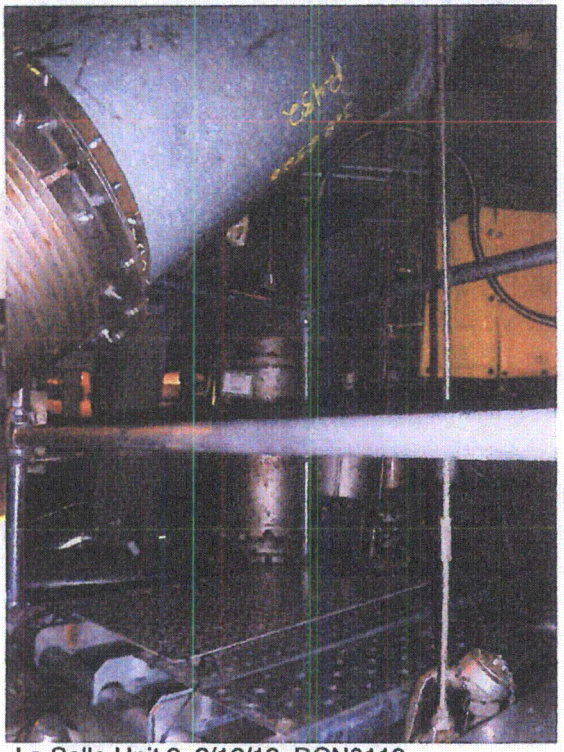
Equipment ID No.: 2B21-F013C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS LINE SAFETY/RELIEF VLV

**Photos**

La Salle Unit 2, 2/12/13, DCN0109



La Salle Unit 2, 2/12/13, DCN0110

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F013C-A

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

Equipment Description: SRV C IMF-2 SOLENOID VALVE 'A'

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): DW, 783.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

| | | |
|---|---|---|
| 1. | Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F013C-A

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

Equipment Description: SRV C IMF-2 SOLENOID VALVE 'A'

**Interaction Effects**

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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez Date: 2/12/2013

James Griffith 2/12/2013

Status: [Y] N U

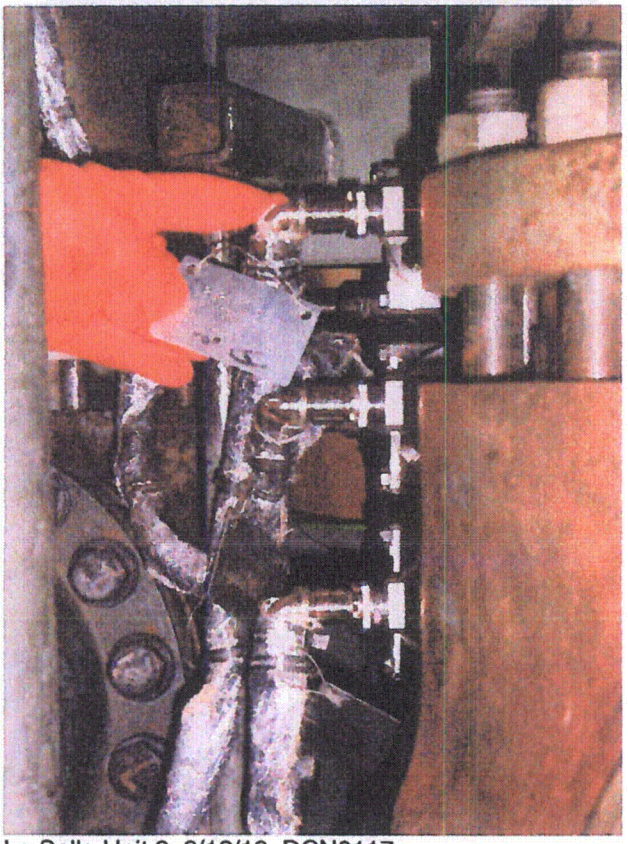
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F013C-A

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

Equipment Description: SRV C IMF-2 SOLENOID VALVE 'A'

**Photos**



La Salle Unit 2, 2/12/13, DCN0117

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F022C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS INBD ISOL VLV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): DW, 735.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

| | | |
|---|---|---|
| 1. | *Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?* | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F022C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS INBD ISOL VLV

**Interaction Effects**

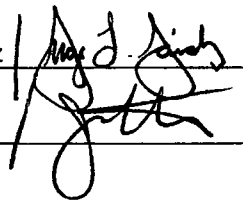
| | | |
|---|---|---|
| 7. | Are soft targets free from impact by nearby equipment or structures? | Yes |
| 8. | Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? | Yes |
| 9. | Do attached lines have adequate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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez  Date: 2/12/2013

James Griffith 2/12/2013

Status: [Y] N U

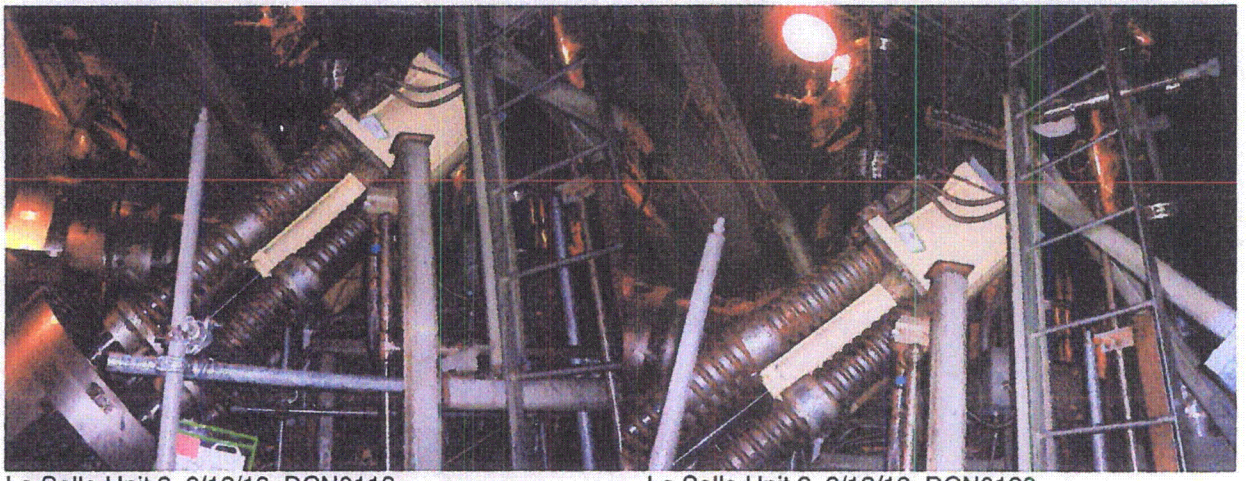
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F022C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS INBD ISOL VLV

**Photos**



La Salle Unit 2, 2/12/13, DCN0118

La Salle Unit 2, 2/12/13, DCN0120

La Salle Unit 2, 2/12/13, DCN0119

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS OTBD ISOL VLV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): RB, 735.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

***Anchorage***

| | | |
|---|---|---|
| 1. | Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS OTBD ISOL VLV

**Interaction Effects**

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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/13/2013**

Evaluated by: Jorge Sanchez Date: 2/13/2013

James Griffith 2/13/2013

Status: [Y] N U

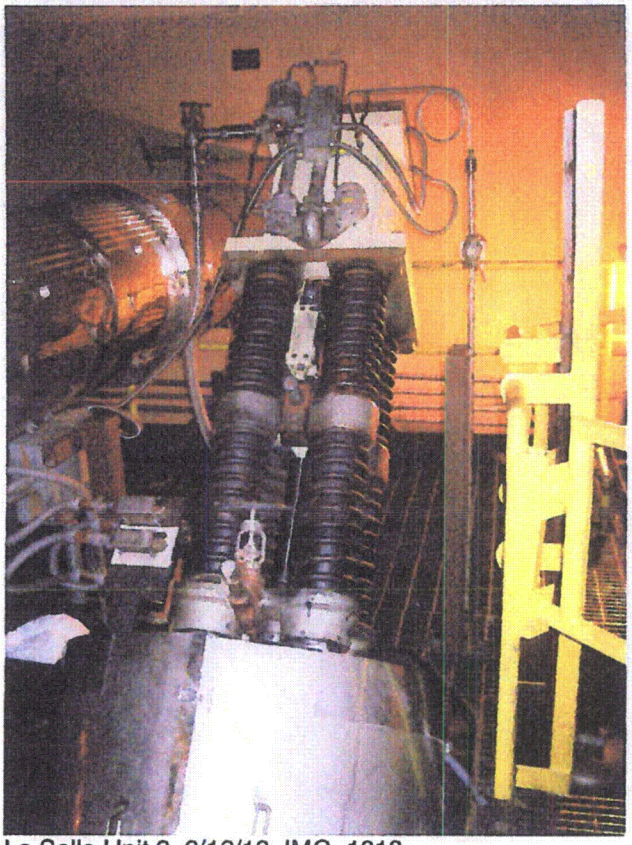
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C

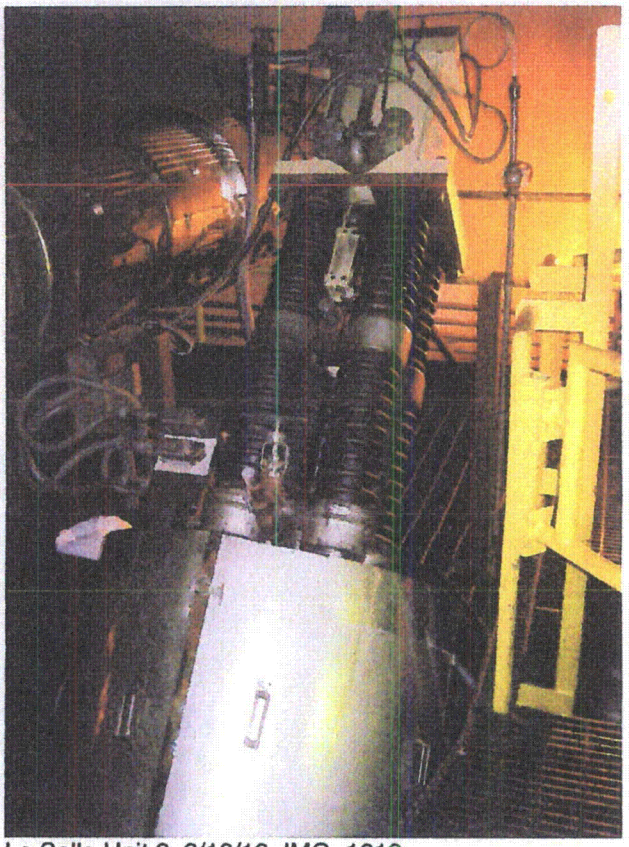
Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS OTBD ISOL VLV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1618



La Salle Unit 2, 2/13/13, IMG_1619

Status: [Y] N U

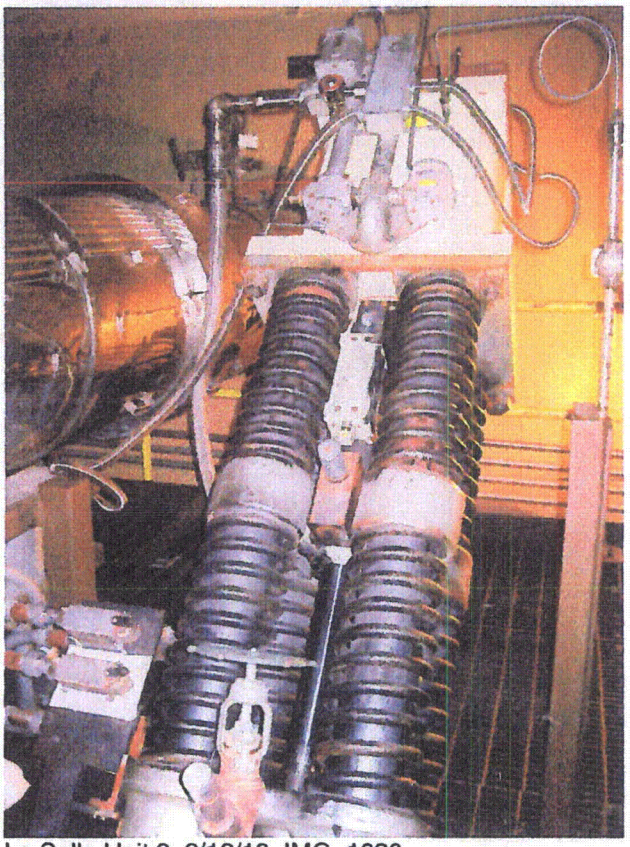
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: C MS OTBD ISOL VLV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1620

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C-P2

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

Equipment Description: VALVE, SOLENOID, O/B MSIV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): Outboard MSIV Room, 735.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

| | | |
|---|---|---|
| 1. | Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: *This question only applies if the item is one of the 50% for which an anchorage* configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C-P2

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

Equipment Description: VALVE, SOLENOID, O/B MSIV

**Interaction Effects**

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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/13/2013**

Evaluated by: Jorge Sanchez Date: 2/13/2013

James Griffith 2/13/2013

Status: [Y] N U

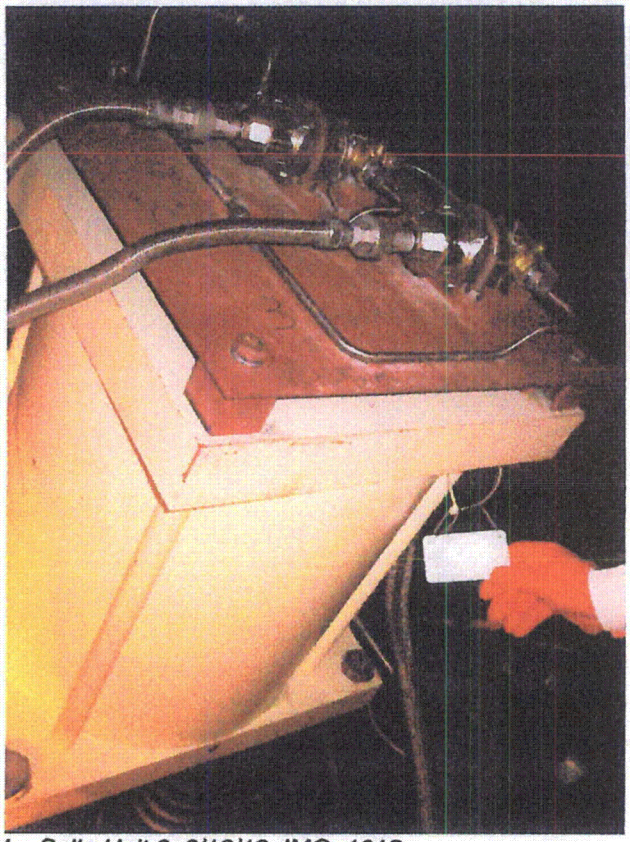
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C-P2

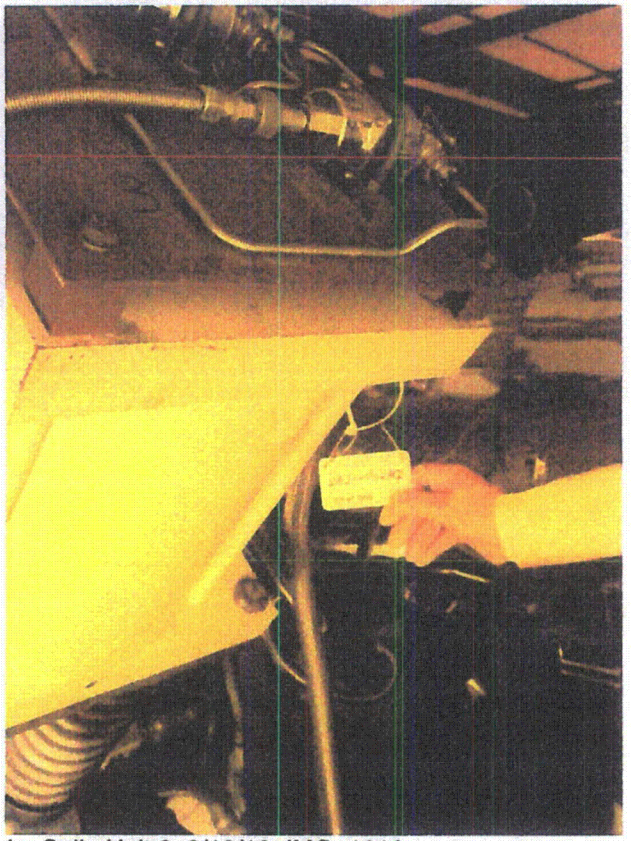
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: VALVE, SOLENOID, O/B MSIV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1613



La Salle Unit 2, 2/13/13, IMG_1612

Status: [Y] N U

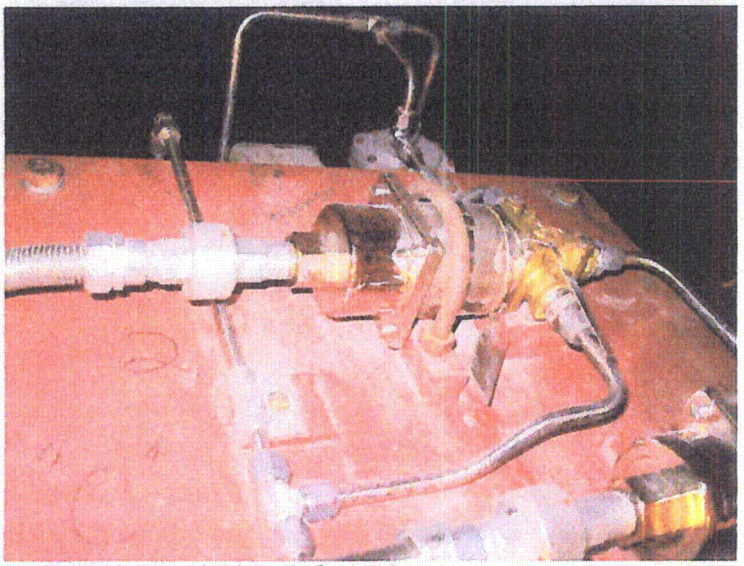
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F028C-P2

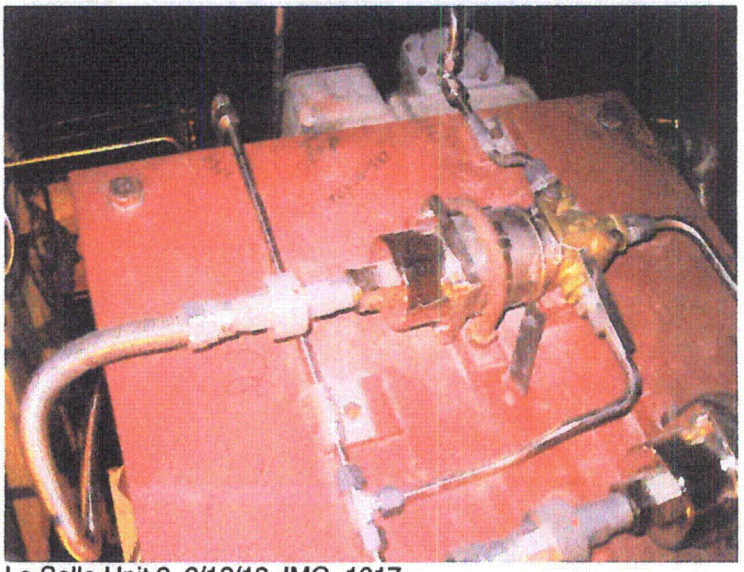
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: VALVE, SOLENOID, O/B MSIV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1616



La Salle Unit 2, 2/13/13, IMG_1617

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F067C

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

Equipment Description: C MS OTBD ISOL ABOVE SEAT DRN VLV

Project: La Salle 2 SWEL

Location (Bldg, Elev, Room/Area): RB, 735.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

| | | |
|---|---|---|
| 1. | Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? | No |
| 2. | Is the anchorage free of bent, broken, missing or loose hardware? | Not Applicable |
| 3. | Is the anchorage free of corrosion that is more than mild surface oxidation? | Not Applicable |
| 4. | Is the anchorage free of visible cracks in the concrete near the anchors? | Not Applicable |
| 5. | Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. | Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

Status: [Y] N U

**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F067C

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

Equipment Description: C MS OTBD ISOL ABOVE SEAT DRN VLV

**Interaction Effects**

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

**Other Adverse Conditions**

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

**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/13/2013**

Evaluated by: Jorge Sanchez Date: 2/13/2013

James Griffith 2/13/2013

Status: [Y] N U

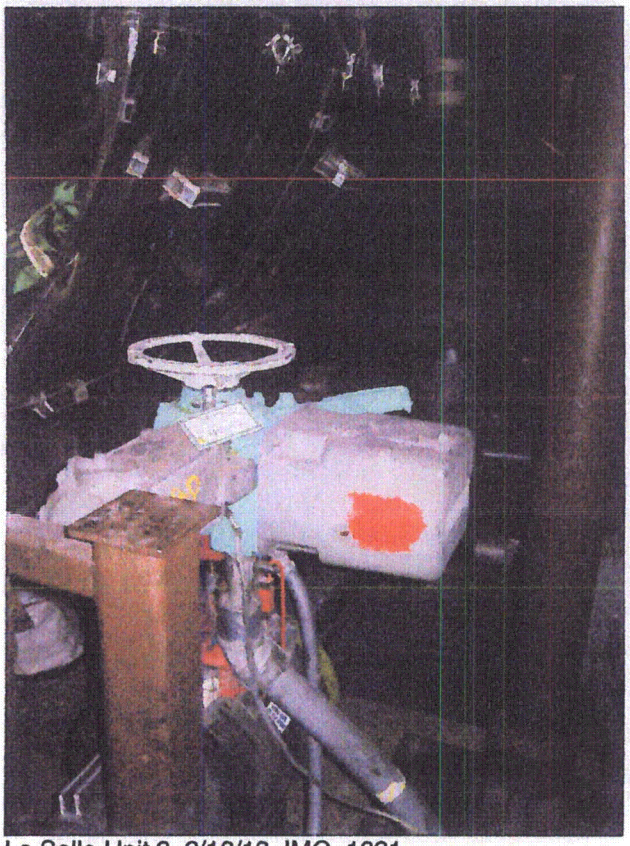
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F067C

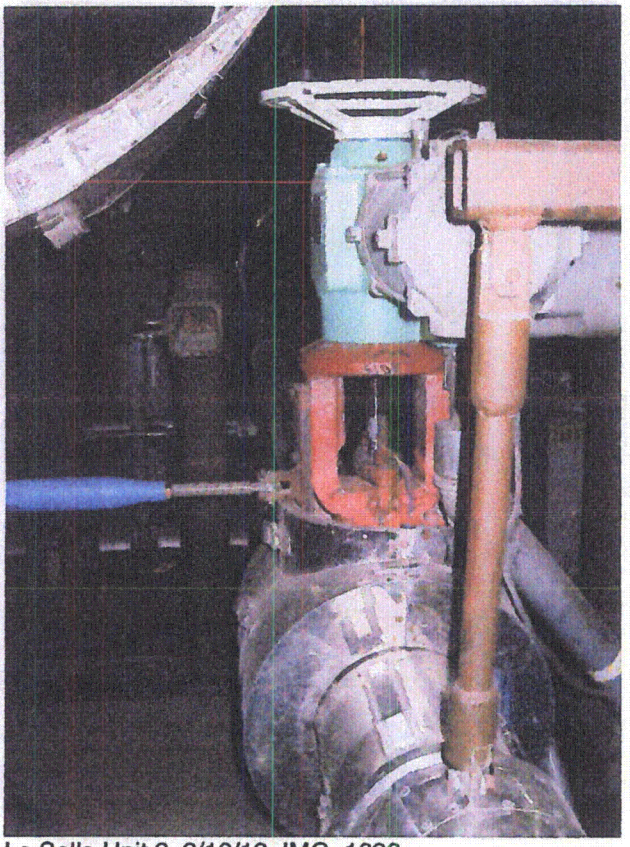
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: C MS OTBD ISOL ABOVE SEAT DRN VLV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1621



La Salle Unit 2, 2/13/13, IMG_1623

Status: [Y] N U

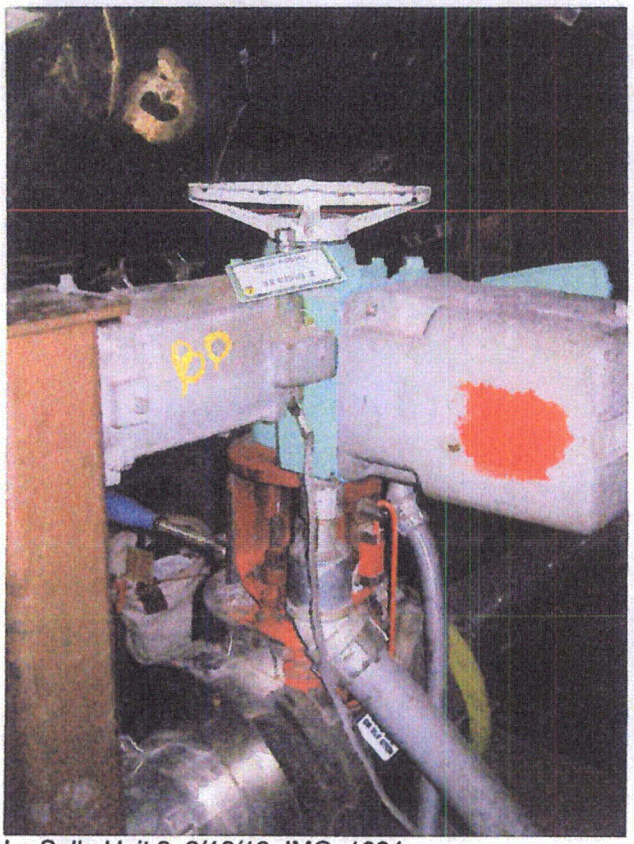
**Seismic Walkdown Checklist (SWC)**

Equipment ID No.: 2B21-F067C

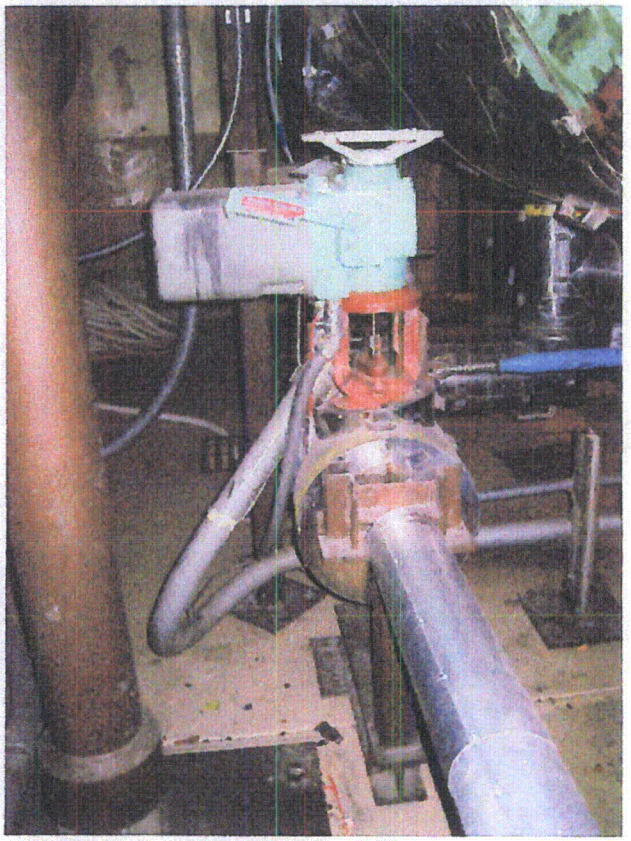
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: C MS OTBD ISOL ABOVE SEAT DRN VLV

**Photos**



La Salle Unit 2, 2/13/13, IMG_1624



La Salle Unit 2, 2/13/13, IMG_1626

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E (SEE APPENDIX C PAGE C-38)

Equipment Class: (02) Low Voltage Switchgear and Breaker Panels

Equipment Description: DIV II 480V SWGR 236X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E (SEE APPENDIX C PAGE C-38)

Equipment Class: (02) Low Voltage Switchgear and Breaker Panels

Equipment Description: DIV II 480V SWGR 236X

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* [Y] N U
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E (SEE APPENDIX C PAGE C-38)

Equipment Class: (02) Low Voltage Switchgear and Breaker Panels

Equipment Description: DIV II 480V SWGR 236X

La Salle Unit 2, 2/21/13, IMG_0138

La Salle Unit 2, 2/21/13, IMG_0139

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E (SEE APPENDIX C PAGE C-38)

Equipment Class: (02) Low Voltage Switchgear and Breaker Panels

Equipment Description: DIV II 480V SWGR 236X

La Salle Unit 2, 2/21/13, IMG_010140

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E-303B (SEE APPENDIX C PAGE C-44)

Equipment Class: (04) Transformers

Equipment Description: TRANSFORMER, 236X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

***Instructions for Completing Checklist***

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E-303B (SEE APPENDIX C PAGE C-44)

Equipment Class: (04) Transformers

Equipment Description: TRANSFORMER, 236X

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

Status: [Y] N U

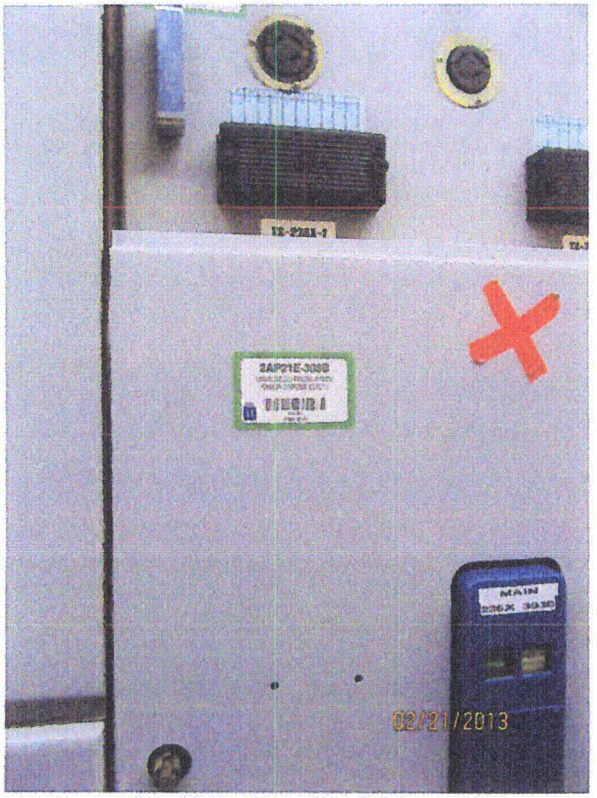
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP21E-303B (SEE APPENDIX C PAGE C-44)

Equipment Class: (04) Transformers

Equipment Description: TRANSFORMER, 236X


La Salle Unit 2, 2/21/13, IMG_0136




La Salle Unit 2, 2/21/13, IMG_0137

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP78E (SEE APPENDIX C PAGE C-55)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-1

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Reactor Bldg, 820.00 ft, ALL

Manufacturer/Model:

***Instructions for Completing Checklist***

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP78E (SEE APPENDIX C PAGE C-55)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-1

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* [Y] N U
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP78E (SEE APPENDIX C PAGE C-55)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-1

La Salle Unit 2, 2/21/13, IMG_0145

La Salle Unit 2, 2/21/13, IMG_0146


La Salle Unit 2, 2/21/13, IMG_0147

La Salle Unit 2, 2/21/13, IMG_0148

Status: [Y] N U

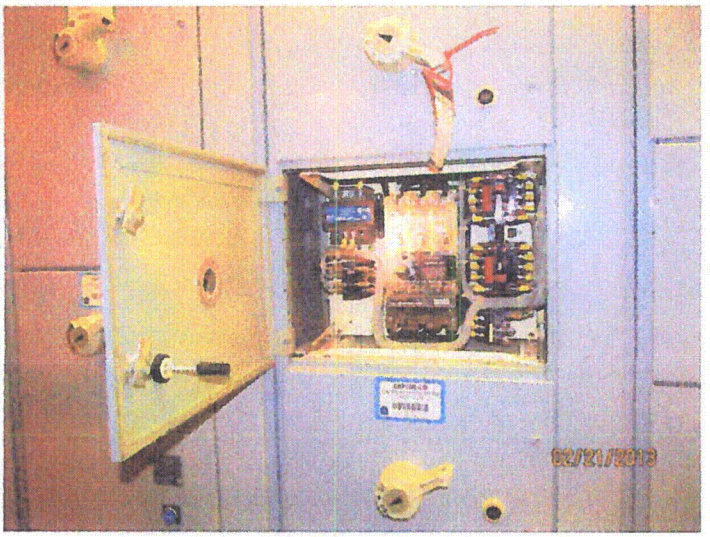
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP78E (SEE APPENDIX C PAGE C-55)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-1

La Salle Unit 2, 2/21/13, IMG_0149



La Salle Unit 2, 2/21/13, IMG_0150

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP81E (SEE APPENDIX C PAGE C-59)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-3

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP81E (SEE APPENDIX C PAGE C-59)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-3

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* [Y] N U
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2AP81E (SEE APPENDIX C PAGE C-59)

Equipment Class: (01) Motor Control Centers

Equipment Description: DIV II 480V MCC 236X-3

La Salle Unit 2, 2/21/13, IMG_0141

La Salle Unit 2, 2/21/13, IMG_0142


La Salle Unit 2, 2/21/13, IMG_0143

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 710.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

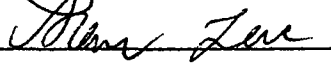
Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* [Y] N U
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez  Date: 02/15/2013

Aram Zare  02/15/2013

**Photos**

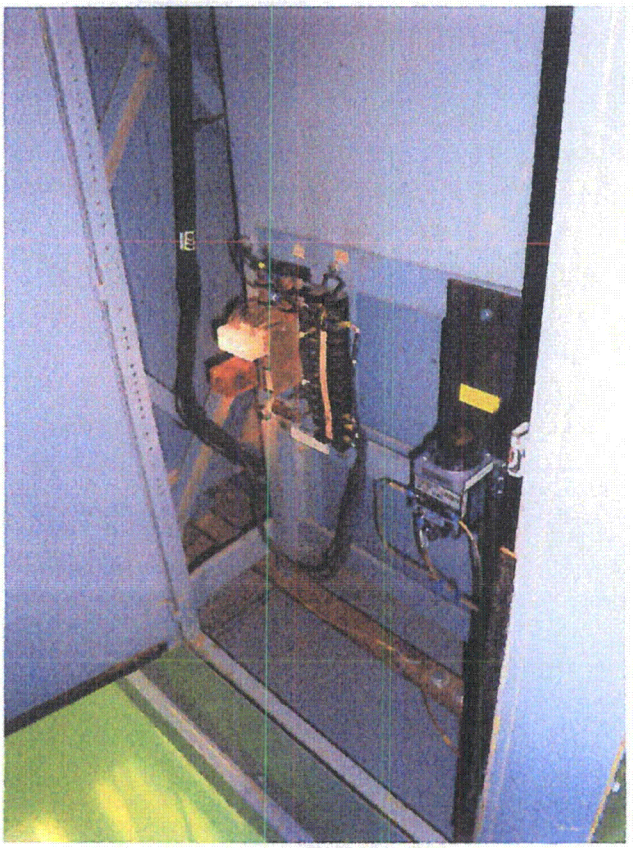
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2

La Salle Unit 2, 2/15/13, DSCN0175



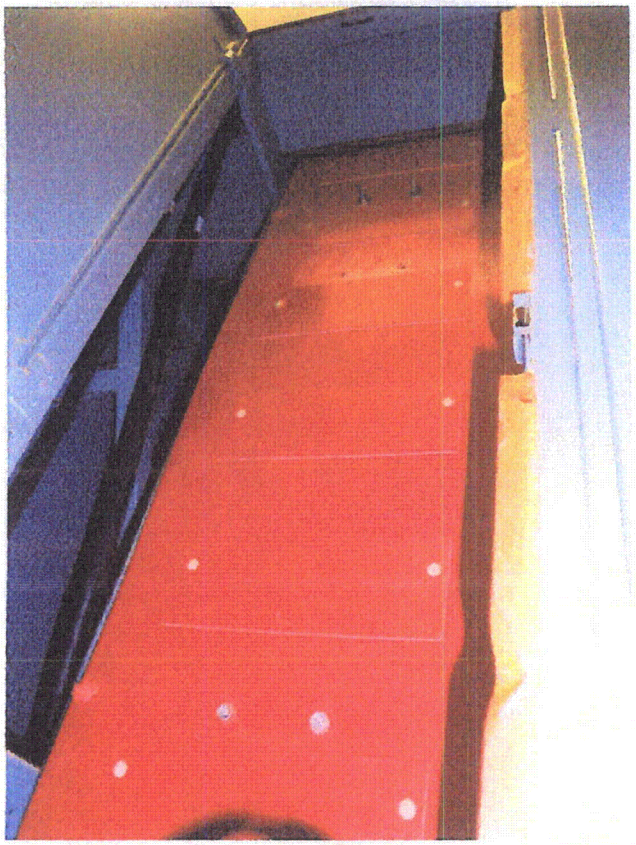
La Salle Unit 2, 2/15/13, DSCN0176

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

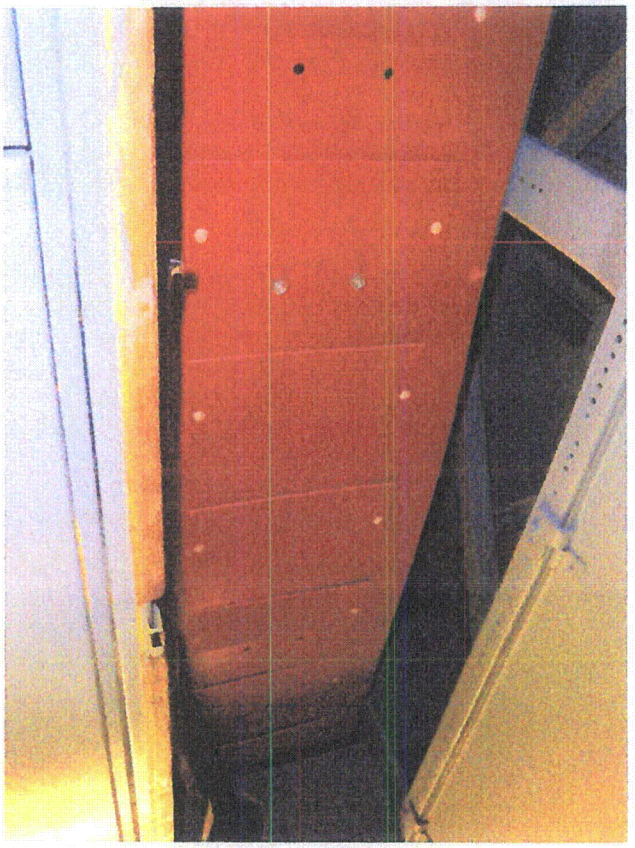
Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2



La Salle Unit 2, 2/15/13, DSCN0177



La Salle Unit 2, 2/15/13, DSCN0179

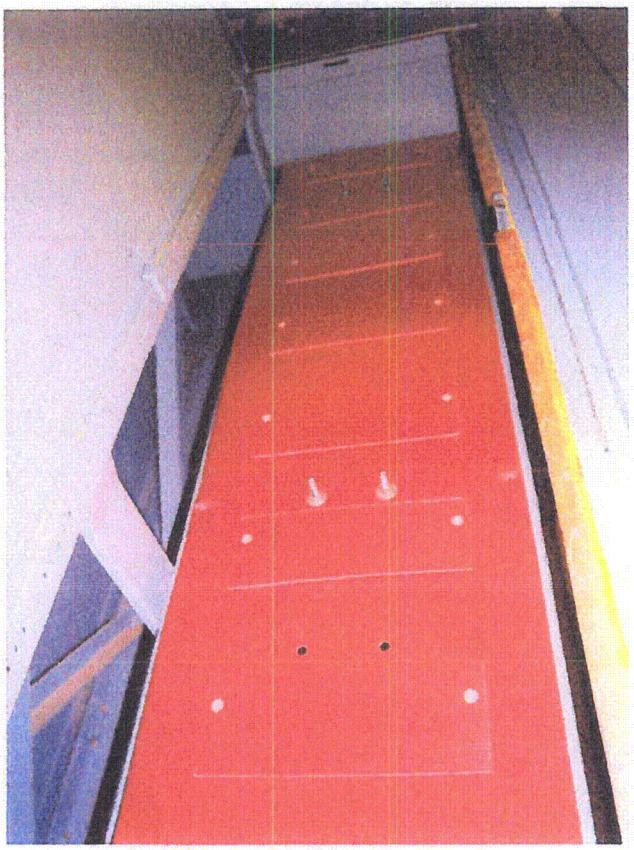
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2

La Salle Unit 2, 2/15/13, DSCN0180



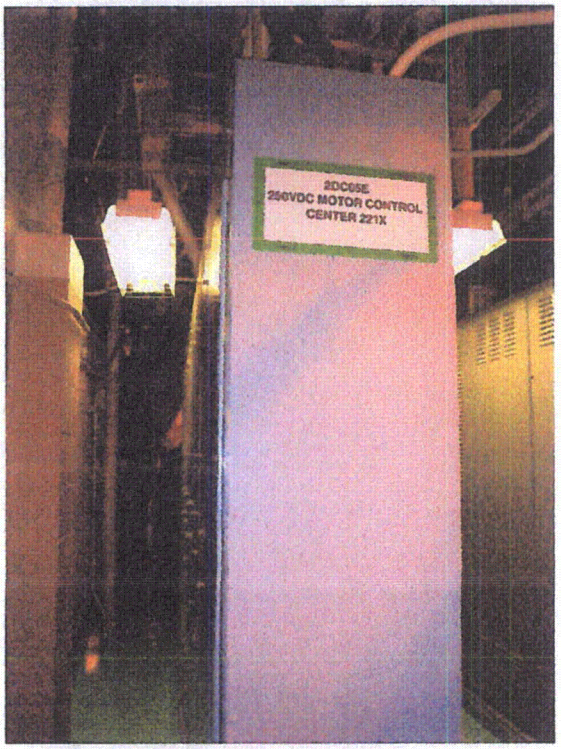
La Salle Unit 2, 2/15/13, DSCN0181

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

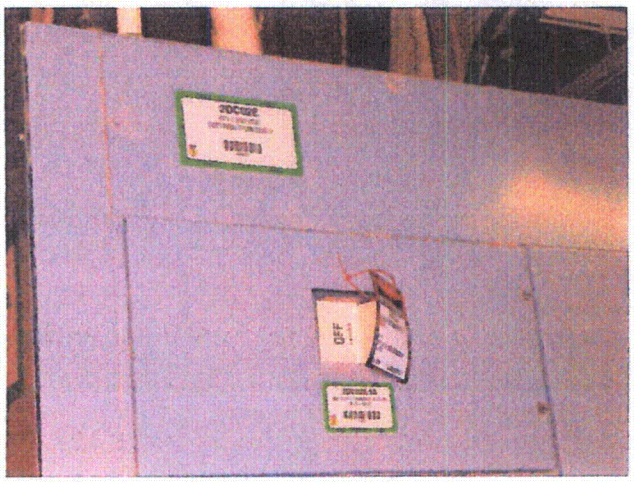
Equipment ID No.: 2DC02E (SEE APPENDIX C PAGE C-123)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

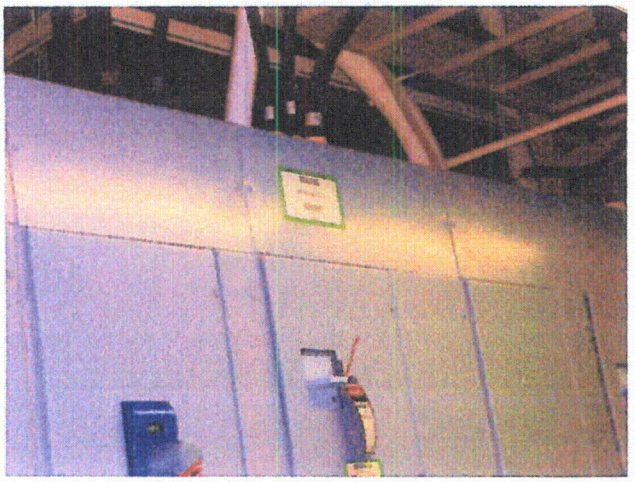
Equipment Description: DIV I 250 VDC DISTRIBUTION BUS 2




La Salle Unit 2, 2/15/13, DSCN0183




La Salle Unit 2, 2/15/13, DSCN0184



La Salle Unit 2, 2/15/13, DSCN0185

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC03E (SEE APPENDIX C PAGE C-125)

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: 250 VDC BATTERY CHARGER

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 710.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC03E (SEE APPENDIX C PAGE C-125)

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: 250 VDC BATTERY CHARGER

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/14/2013

Aram Zare 02/14/2013

**Photos**

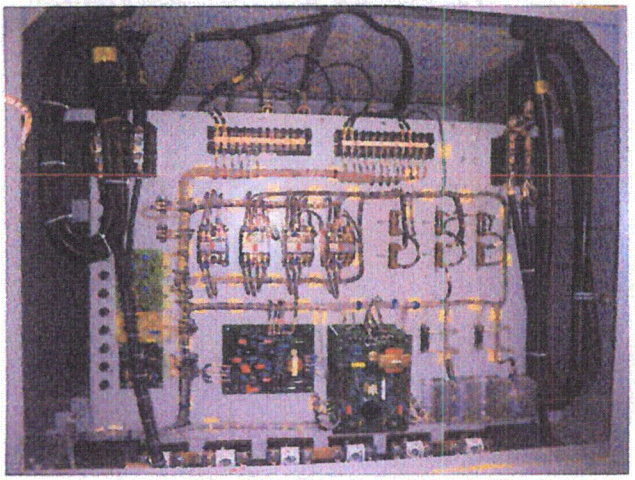
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

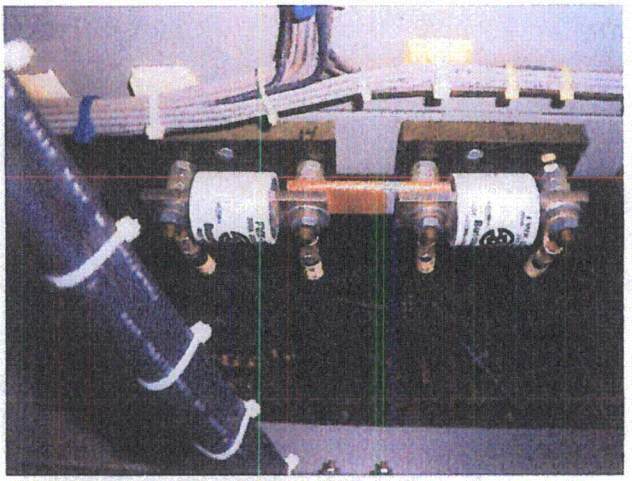
Equipment ID No.: 2DC03E (SEE APPENDIX C PAGE C-125)

Equipment Class: (16) Battery Chargers and Inverters

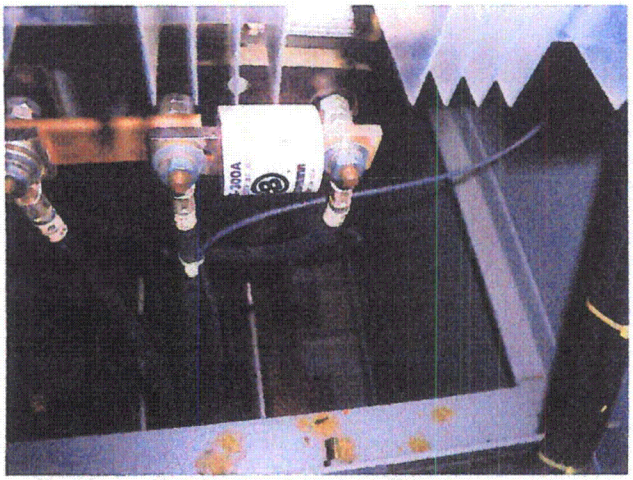
Equipment Description: 250 VDC BATTERY CHARGER



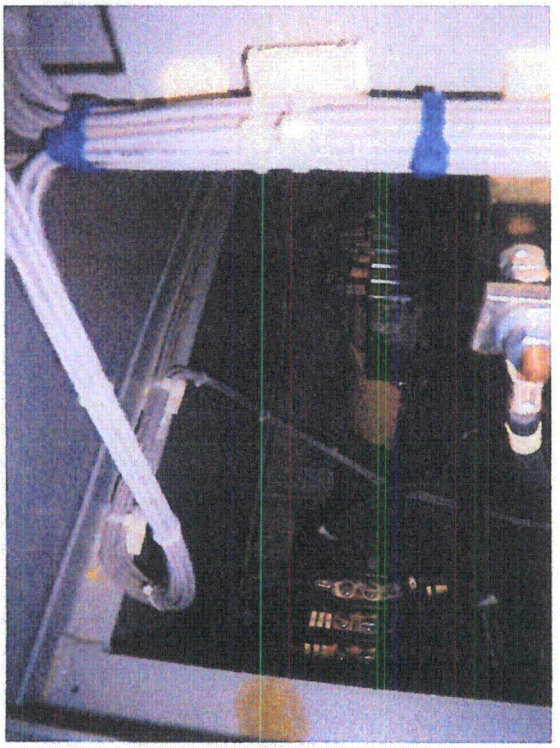
La Salle Unit 2, 2/14/13, DSCN0156



La Salle Unit 2, 2/14/13, DSCN0157



La Salle Unit 2, 2/14/13, DSCN0158



La Salle Unit 2, 2/14/13, DSCN0159

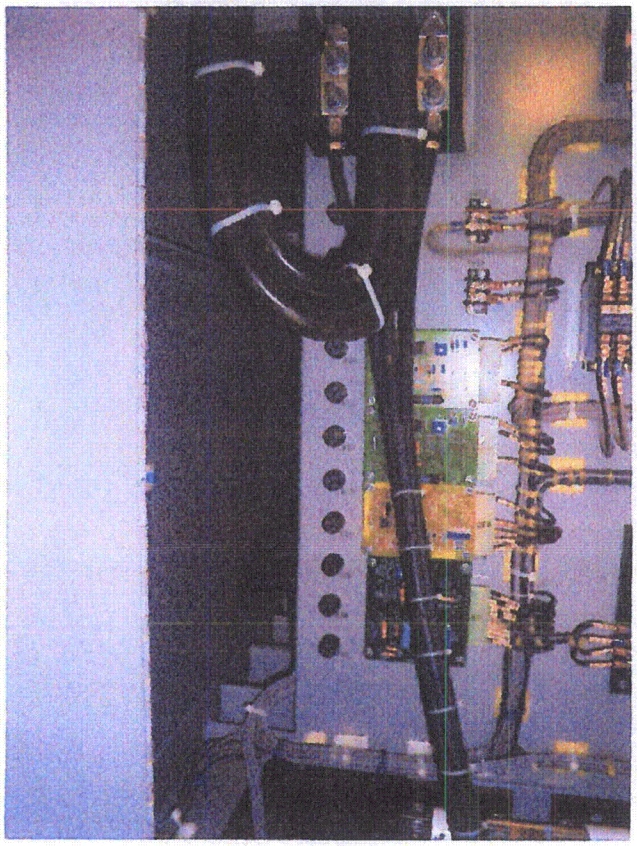
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

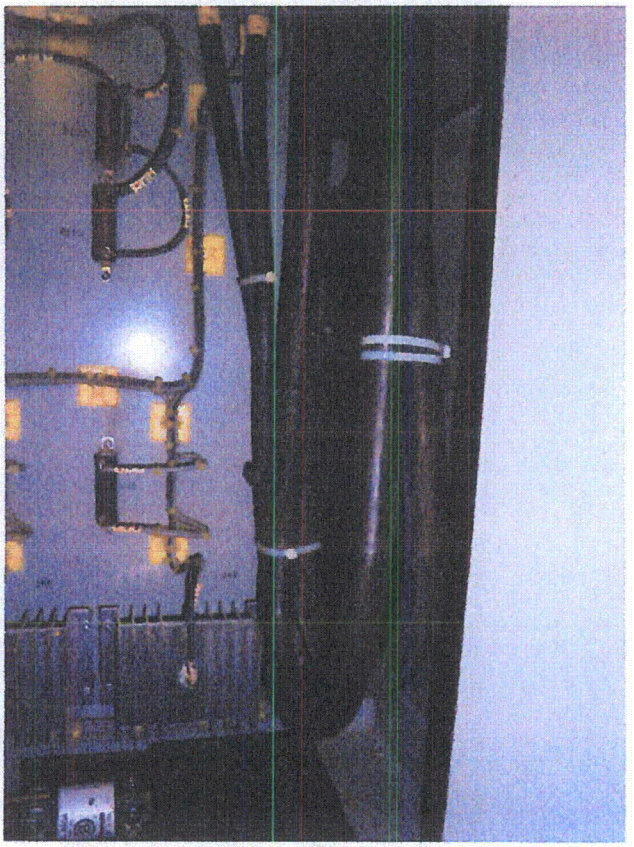
Equipment ID No.: 2DC03E (SEE APPENDIX C PAGE C-125)

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: 250 VDC BATTERY CHARGER



La Salle Unit 2, 2/14/13, DSCN0160



La Salle Unit 2, 2/14/13, DSCN0161

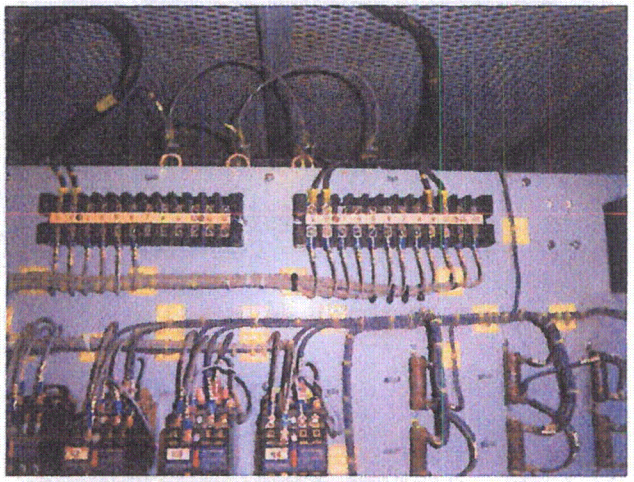
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC03E (SEE APPENDIX C PAGE C-125)

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: 250 VDC BATTERY CHARGER



La Salle Unit 2, 2/14/13, DSCN0162

La Salle Unit 2, 2/14/13, DSCN0163


La Salle Unit 2, 2/14/13, DSCN0164

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC05E (SEE APPENDIX C PAGE C-130)

Equipment Class: (01) Motor Control Centers

Equipment Description: 250VDC MCC 221X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 710.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC05E (SEE APPENDIX C PAGE C-130)

Equipment Class: (01) Motor Control Centers

Equipment Description: 250VDC MCC 221X

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

Status: [Y] N U

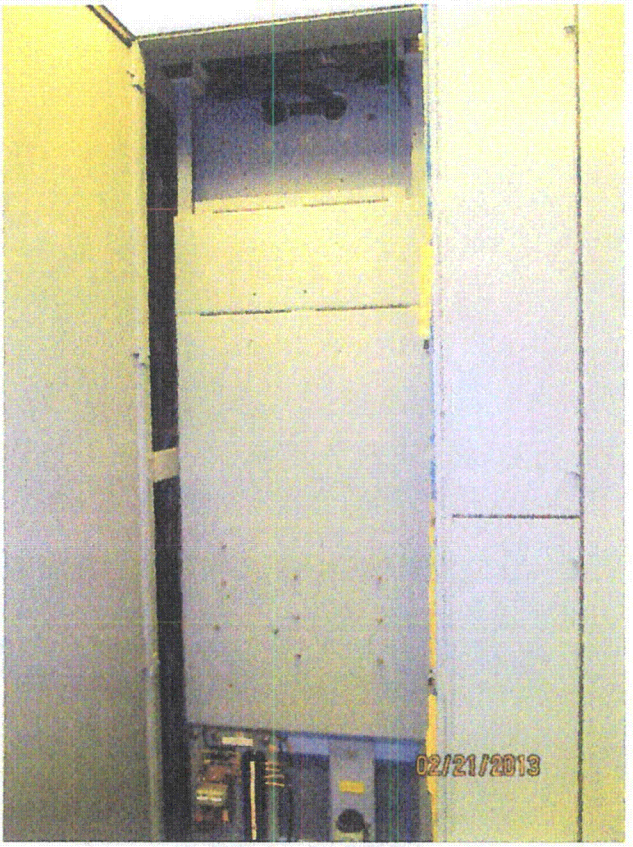
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC05E (SEE APPENDIX C PAGE C-130)

Equipment Class: (01) Motor Control Centers

Equipment Description: 250VDC MCC 221X


La Salle Unit 2, 2/21/13, DSCN0133




La Salle Unit 2, 2/21/13, DSCN0132

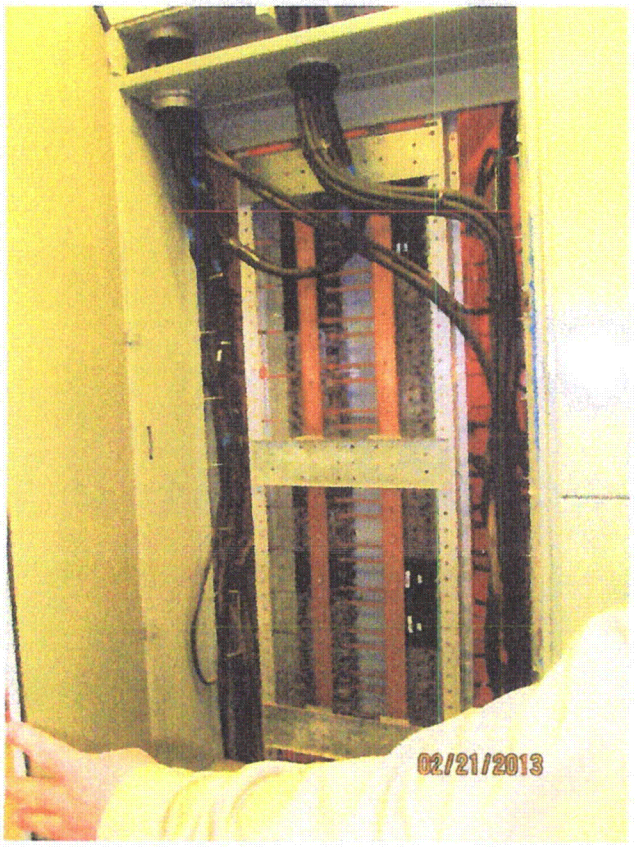
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

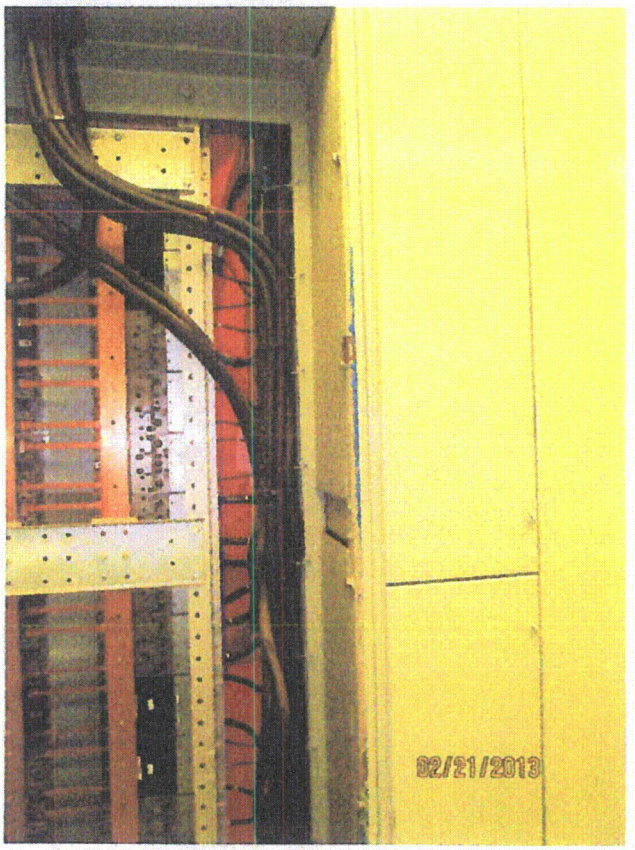
Equipment ID No.: 2DC05E (SEE APPENDIX C PAGE C-130)

Equipment Class: (01) Motor Control Centers

Equipment Description: 250VDC MCC 221X




La Salle Unit 2, 2/21/13, DSCN0134




La Salle Unit 2, 2/21/13, DSCN0134

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC13E (SEE APPENDIX C PAGE C-138)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION PANEL 212Y

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC13E (SEE APPENDIX C PAGE C-138)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION PANEL 212Y

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* [Y] N U
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

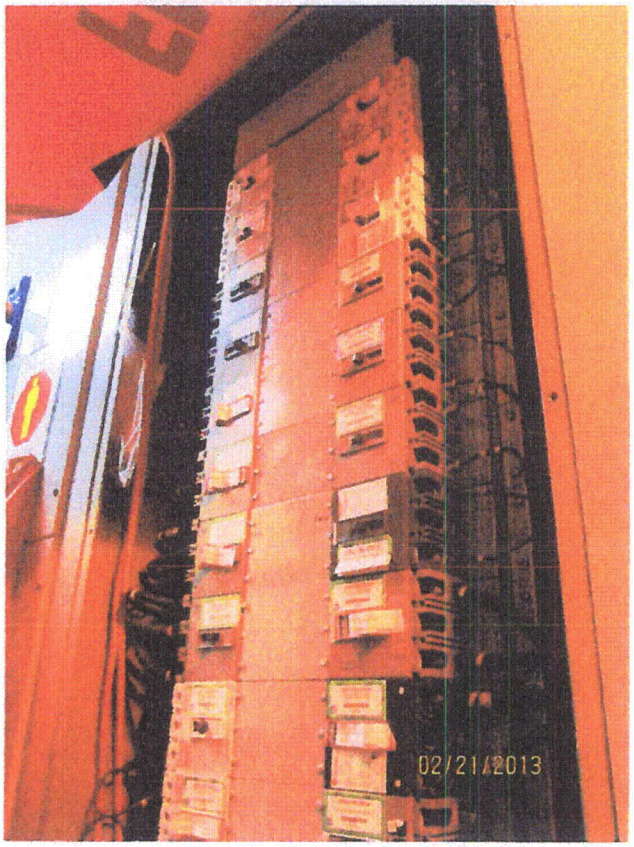
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC13E (SEE APPENDIX C PAGE C-138)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION PANEL 212Y




La Salle Unit 2, 2/21/13, IMG-0122

La Salle Unit 2, 2/21/13, IMG-0124

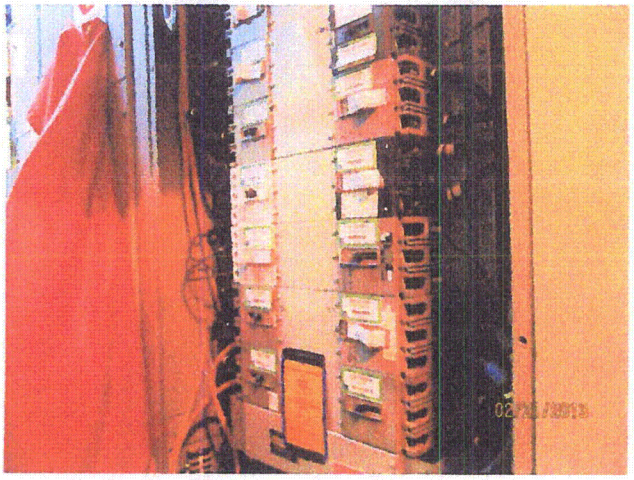
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

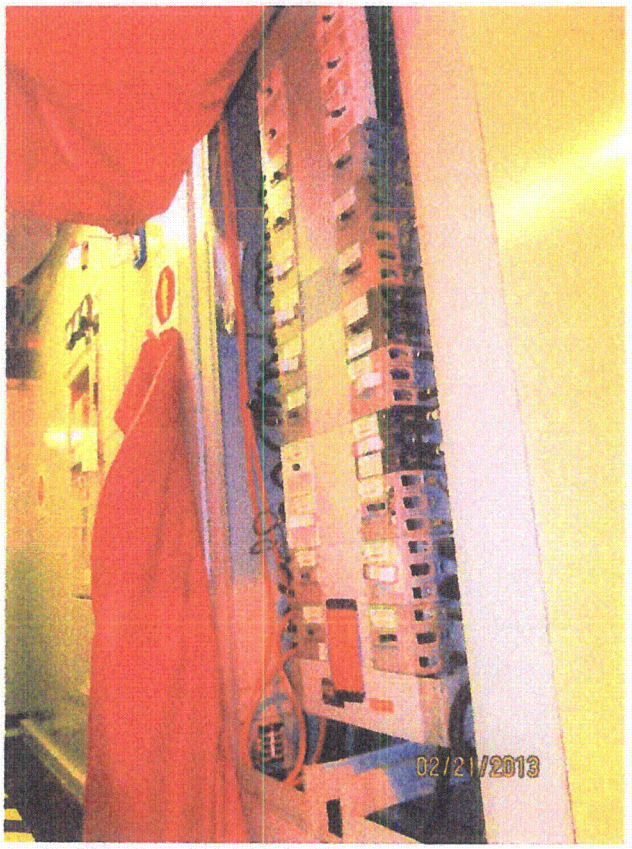
Equipment ID No.: 2DC13E (SEE APPENDIX C PAGE C-138)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION PANEL 212Y



La Salle Unit 2, 2/21/13, IMG-0126




La Salle Unit 2, 2/21/13, IMG-0128

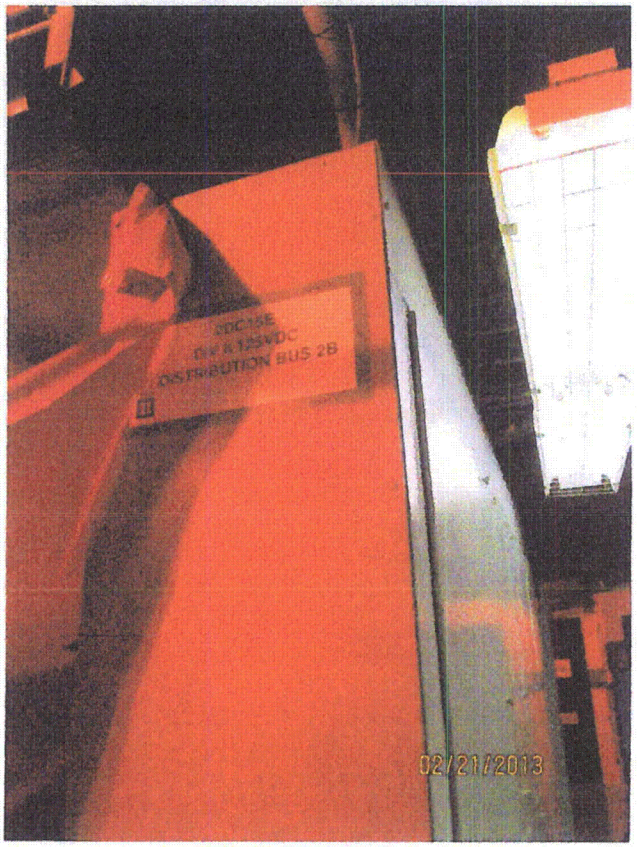
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC13E (SEE APPENDIX C PAGE C-138)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION PANEL 212Y




La Salle Unit 2, 2/21/13, IMG-0129


La Salle Unit 2, 2/21/13, IMG-0131

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC15E (SEE APPENDIX C PAGE C-146)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION BUS 2B

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC15E (SEE APPENDIX C PAGE C-146)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION BUS 2B

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    - *a. Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    - *b. Are adjacent cabinets secured together?* [Y] N U
    - *c. No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

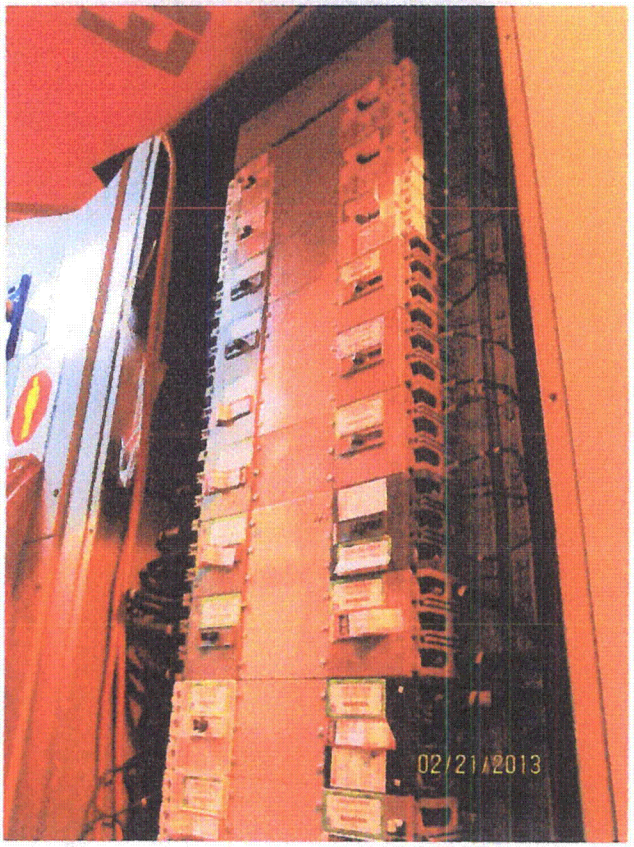
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC15E (SEE APPENDIX C PAGE C-146)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION BUS 2B




La Salle Unit 2, 2/21/13, IMG-0122

La Salle Unit 2, 2/21/13, IMG-0124

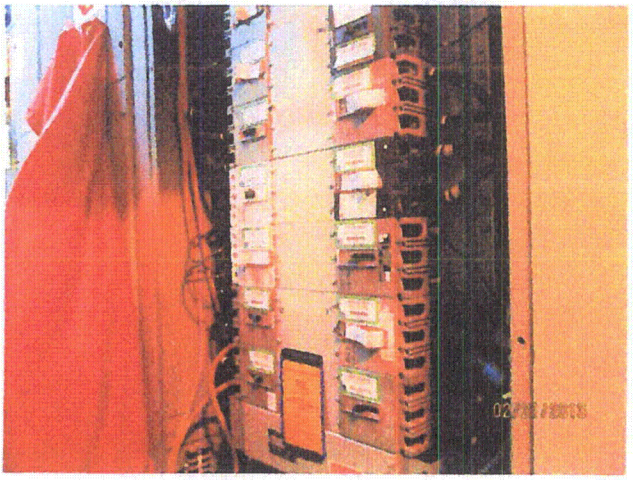
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

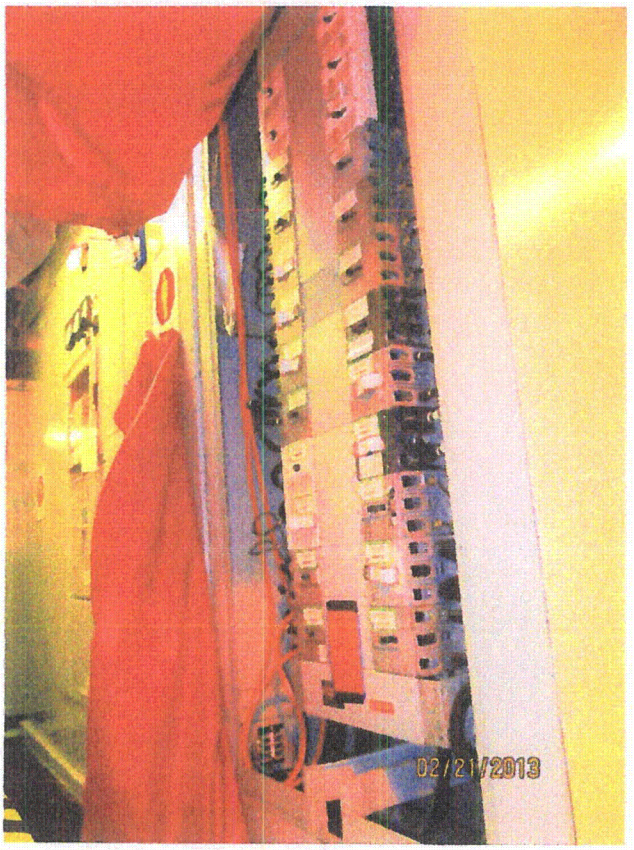
Equipment ID No.: 2DC15E (SEE APPENDIX C PAGE C-146)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION BUS 2B



La Salle Unit 2, 2/21/13, IMG-0126




La Salle Unit 2, 2/21/13, IMG-0128

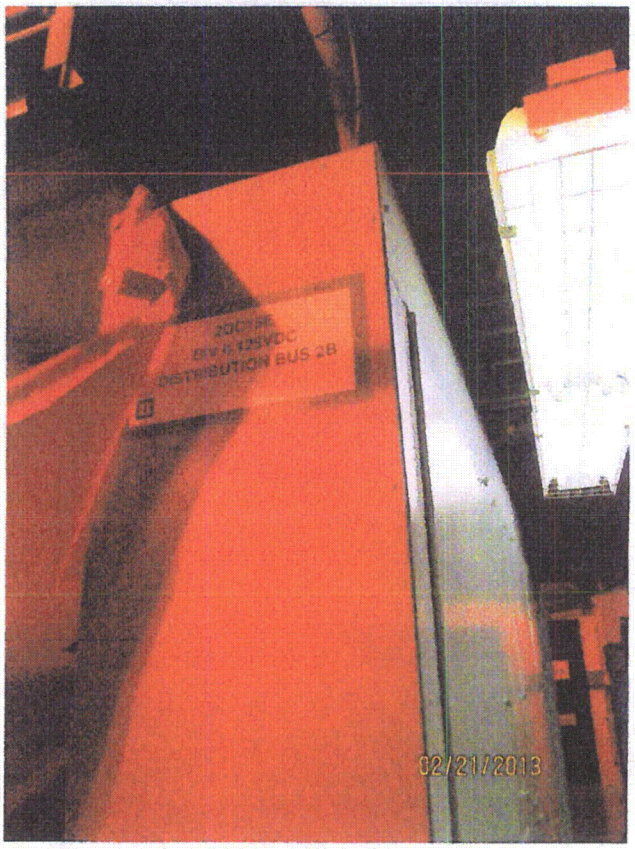
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC15E (SEE APPENDIX C PAGE C-146)

Equipment Class: (14) Distribution Panels and Automatic Transfer Switches

Equipment Description: DIV II 125VDC DISTRIBUTION BUS 2B




La Salle Unit 2, 2/21/13, IMG-0129


La Salle Unit 2, 2/21/13, IMG-0131

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC16E (SEE APPENDIX C PAGE C-152)

Equipment Class: (16) Battery Chargers & Inverters

Equipment Description: DIV II 125VDC BATTERY CHARGER 2BB

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC16E (SEE APPENDIX C PAGE C-152)

Equipment Class: (16) Battery Chargers & Inverters

Equipment Description: DIV II 125VDC BATTERY CHARGER 2BB

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/21/2013

Aram Zare 02/21/2013

**Photos**

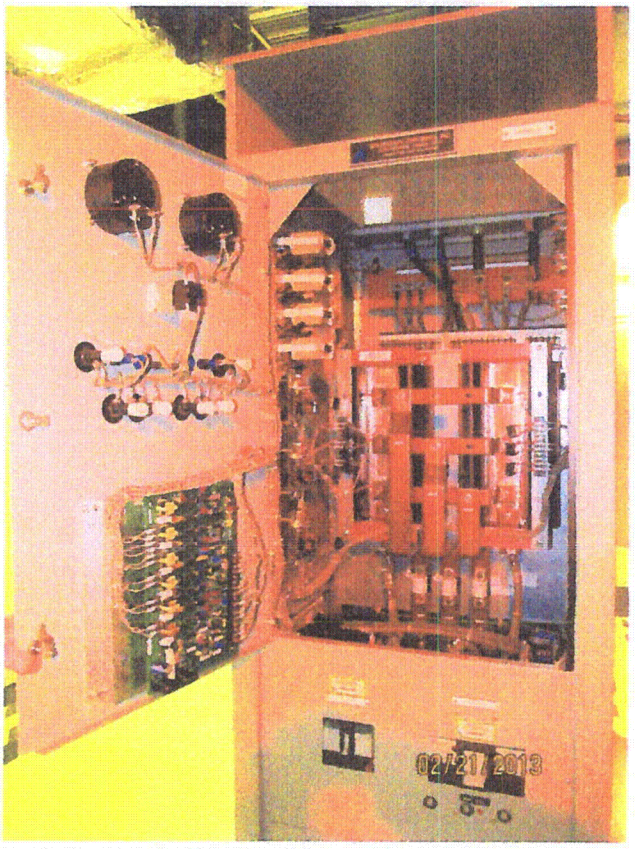
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

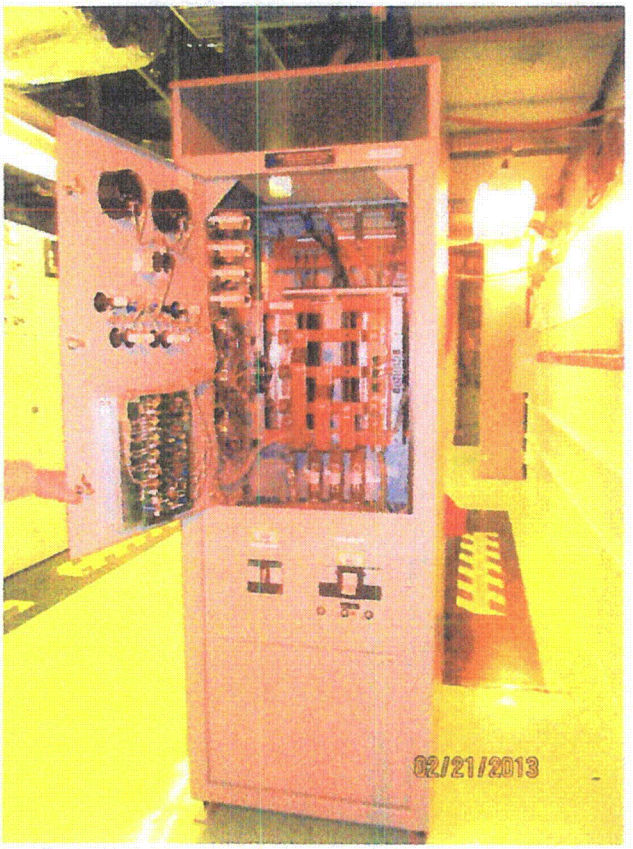
Equipment ID No.: 2DC16E (SEE APPENDIX C PAGE C-152)

Equipment Class: (16) Battery Chargers & Inverters

Equipment Description: DIV II 125VDC BATTERY CHARGER 2BB




La Salle Unit 2, 2/21/13, IMG-0119




La Salle Unit 2, 2/21/13, IMG-0120

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2DC16E (SEE APPENDIX C PAGE C-152)

Equipment Class: (16) Battery Chargers & Inverters

Equipment Description: DIV II 125VDC BATTERY CHARGER 2BB


La Salle Unit 2, 2/21/13, IMG-0121

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL33J (SEE APPENDIX C PAGE C-408)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, RHR B/C CUBE VENT

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Reactor Bldg, 687.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL33J (SEE APPENDIX C PAGE C-408)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, RHR B/C CUBE VENT

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    - *a. Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    - *b. Are adjacent cabinets secured together?* Y N [U]
    - *c. No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/22/2013

Aram Zare 02/22/2013

**Photos**

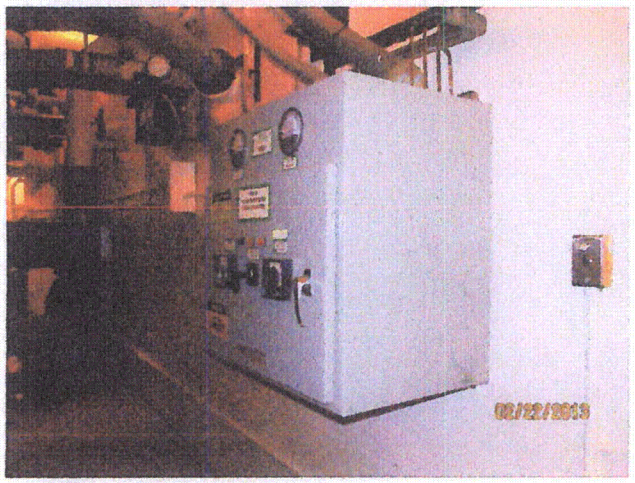
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

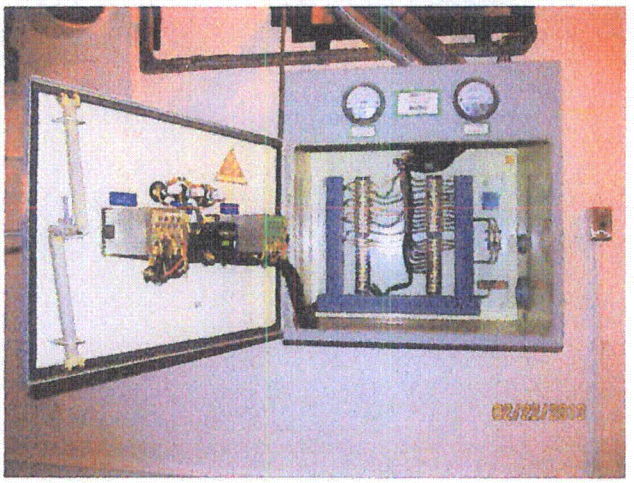
Equipment ID No.: 2PL33J (SEE APPENDIX C PAGE C-408)

Equipment Class: (20) Instrument and Control Panels

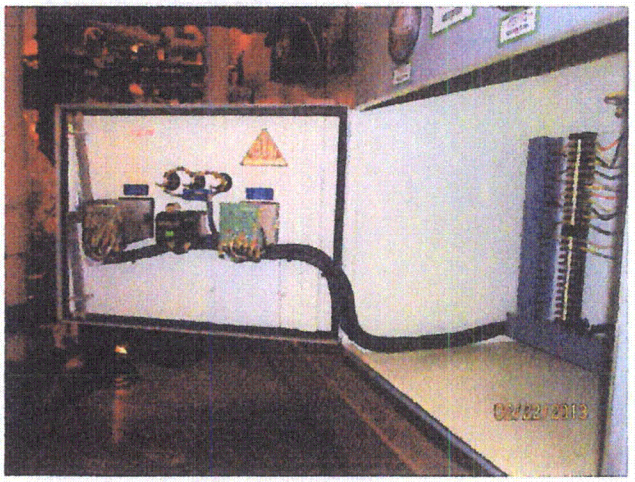
Equipment Description: ASSY - PANEL, RHR B/C CUBE VENT



La Salle Unit 2, 2/22/13, IMG-0151



La Salle Unit 2, 2/22/13, IMG-0153



La Salle Unit 2, 2/22/13, IMG-0155

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL34J (SEE APPENDIX C PAGE C-412)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, RHR A CUBE VENT

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Reactor Bldg, 694.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL34J (SEE APPENDIX C PAGE C-412)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, RHR A CUBE VENT

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 2/15/2013

Aram Zare 2/15/2013

**Photos**

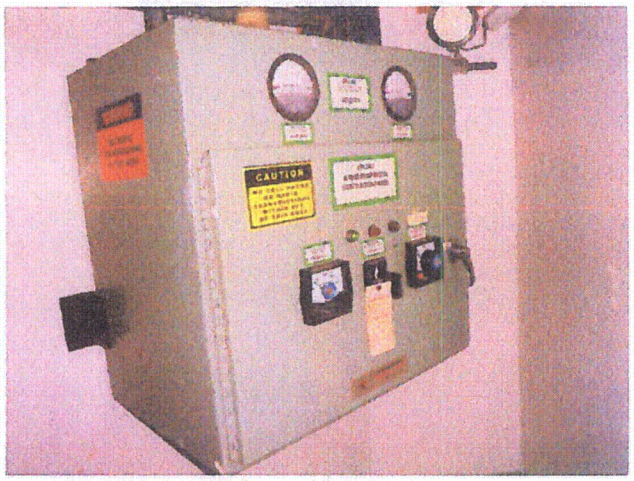
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

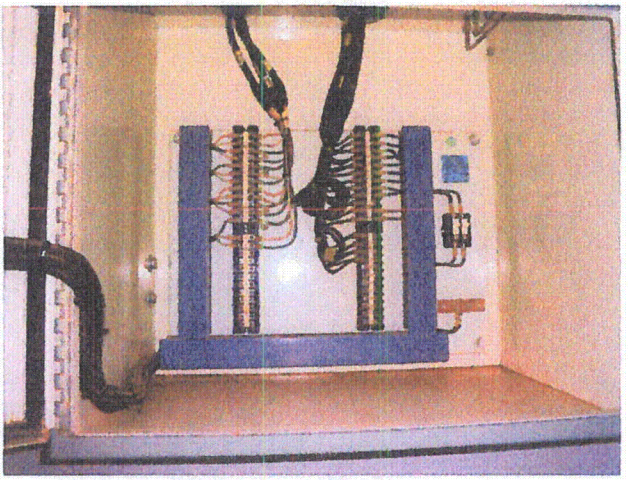
Equipment ID No.: 2PL34J (SEE APPENDIX C PAGE C-412)

Equipment Class: (20) Instrument and Control Panels

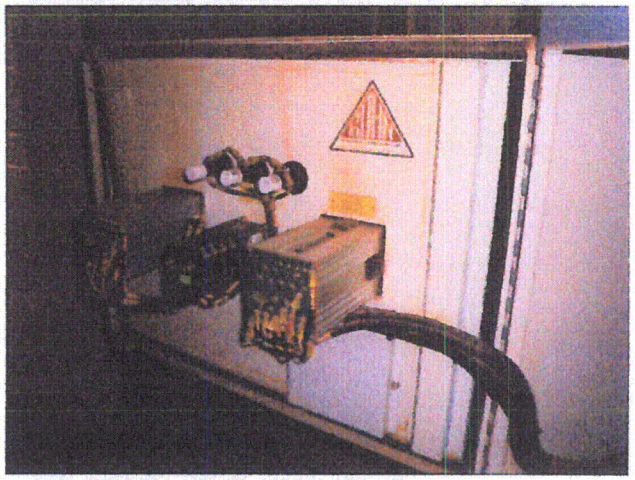
Equipment Description: ASSY - PANEL, RHR A CUBE VENT



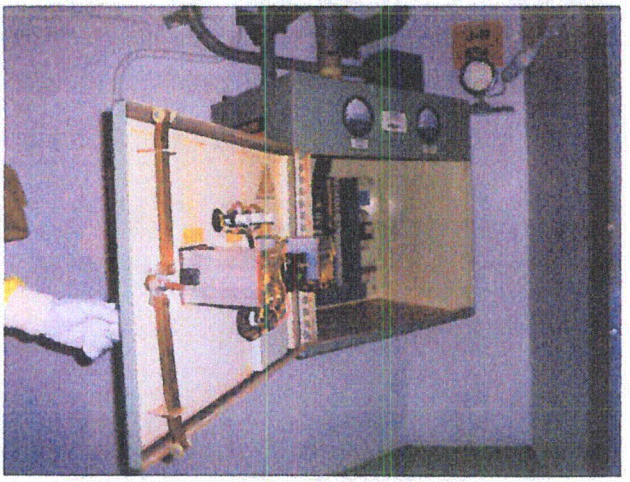

La Salle Unit 2, 2/15/13, DSCN0187



La Salle Unit 2, 2/15/13, DSCN0189



La Salle Unit 2, 2/15/13, DSCN0190



La Salle Unit 2, 2/15/13, DCSN0191

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL35J (SEE APPENDIX C PAGE C-416)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, LPCS CUBE VENT

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): Reactor Bldg, 694.00 ft, ALL

Manufacturer/Model:

**Instructions for Completing Checklist**

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

**Anchorage**

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? -
2. Is the anchorage free of bent, broken, missing or loose hardware? -
3. Is the anchorage free of corrosion that is more than mild surface oxidation? -
4. Is the anchorage free of visible cracks in the concrete near the anchors? -
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.) -
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

**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? -

**SEE SWC IN APPENDIX C FOR RESPONSES**

Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL35J (SEE APPENDIX C PAGE C-416)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, LPCS CUBE VENT

**Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)**

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?
    a. *Internal components secured? (i.e. no loose or missing fasteners)* [Y] N U
    b. *Are adjacent cabinets secured together?* Y N [U]
    c. *No other adverse seismic conditions?* [Y] N U

**Comments**

Evaluated by: Jorge Sanchez Date: 02/14/2013

Aram Zare 02/14/2013

**Photos**

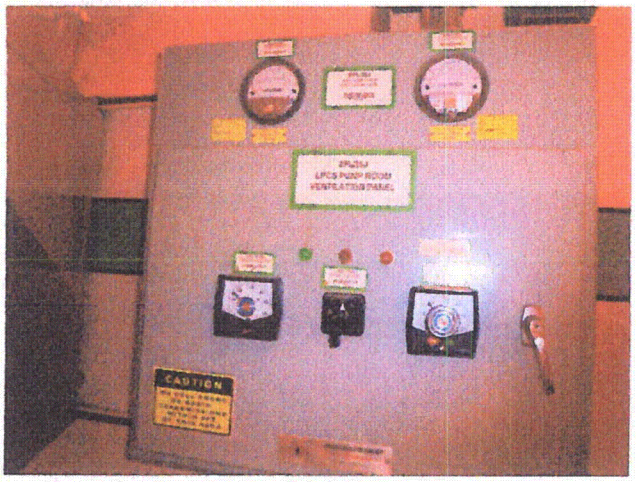
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

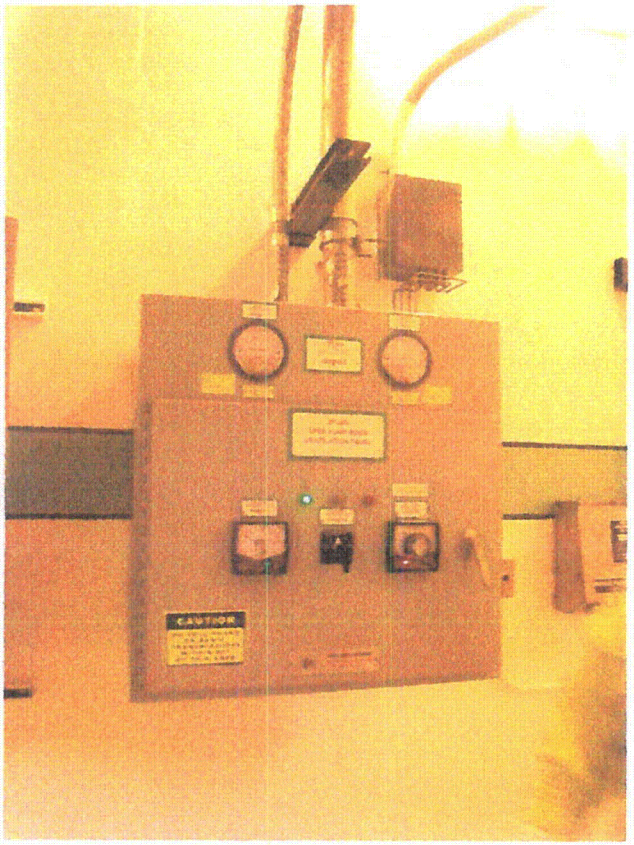
Equipment ID No.: 2PL35J (SEE APPENDIX C PAGE C-416)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, LPCS CUBE VENT




La Salle Unit 2, 2/14/13, DSCN0148




La Salle Unit 2, 2/14/13, DSCN0149

Status: [Y] N U

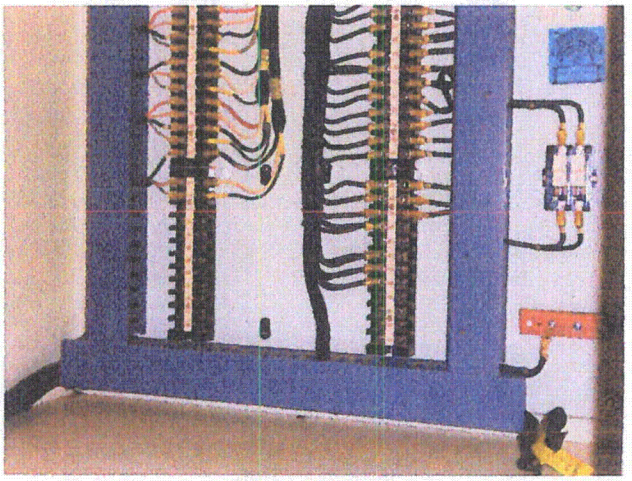
**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL35J (SEE APPENDIX C PAGE C-416)

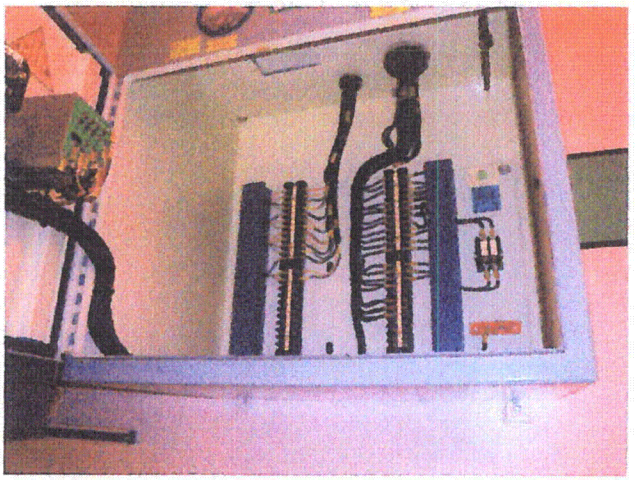
Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, LPCS CUBE VENT

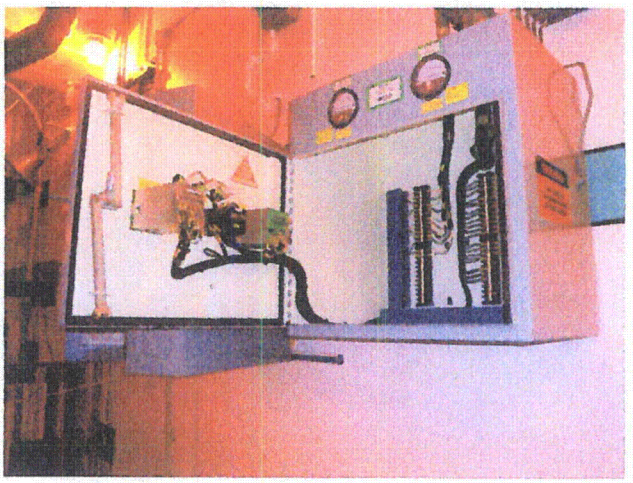

La Salle Unit 2, 2/14/13, DSCN0150



La Salle Unit 2, 2/14/13, DSCN0151



La Salle Unit 2, 2/14/13, DSCN0152



La Salle Unit 2, 2/14/13, DSCN0153

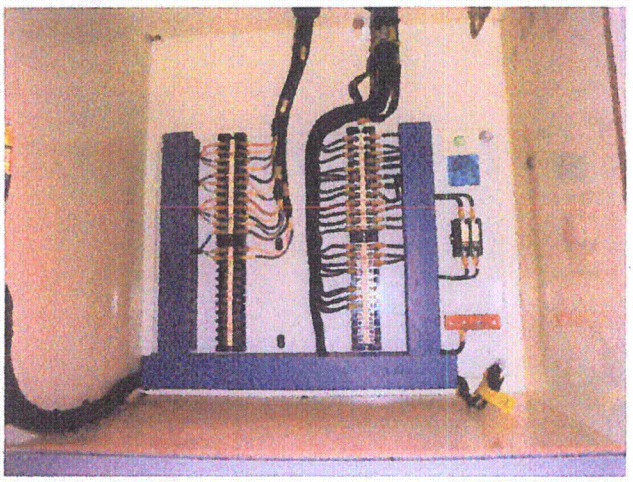
Status: [Y] N U

**Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION**

Equipment ID No.: 2PL35J (SEE APPENDIX C PAGE C-416)

Equipment Class: (20) Instrument and Control Panels

Equipment Description: ASSY - PANEL, LPCS CUBE VENT



La Salle Unit 2, 2/14/13, DSCN0154

# AD

## Area Walk-By Checklists (AWCs)

Table AD-1 provides the building, elevation, and location of each area as well as a list of walkdown items associated with each area, and page numbers of each Area Walk-By Checklist.

**Table AD-1**. Summary of Area Walk-By Checklists

| AWC-U2-x | BUILDING | ELEVATION | LOCATION | COMPONENT | PAGE NO. |
|---|---|---|---|---|---|
| 5-1 | Reactor | 777 | Drywell | 2B21-A004C | AD-2 |
| | | | | 2B21-F013C | |
| | | | | 2B21-F013C-A | |
| 5-2 | Reactor | 735 | Drywell | 2B21-F022C | AD-6 |
| 5-3 | Reactor | 735 | Outboard MSIV Room | 2B21-F028C | AD-9 |
| | | | | 2B21-F028C-P2 | |
| | | | | 2B21-F067C | |

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-1

**Instructions for Completing Checklist**

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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.

| | | |
|---|---|---|
| 1. | Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | Yes |
| 2. | Does anchorage of equipment in the area appear to be free of significant degraded conditions? | Yes |
| 3. | Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appears to be inside acceptable limits)? | Yes |
| 4. | Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | Yes |
| 5. | Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? | Yes |
| 6. | Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? | Yes |
| 7. | Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations(e.g., scaffolding, lead shielding)? | Yes |

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-1

| | | |
|---|---|---|
| 8. | Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? | Yes |

**Comments**

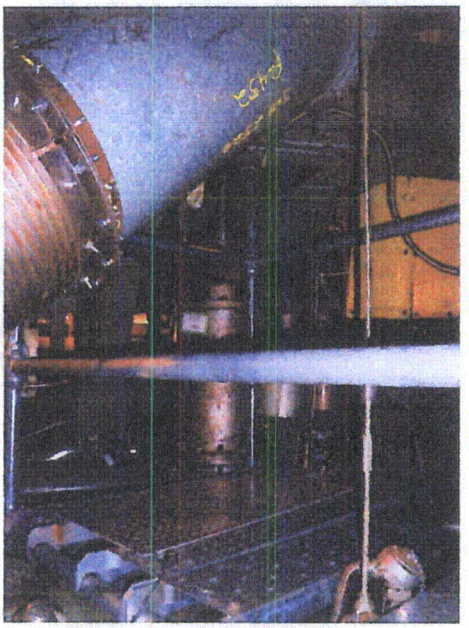
**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez Date: 2/12/2013

James Griffith 2/12/2013

**Photos**

La Salle Unit 2, 2/12/13, DCN0109

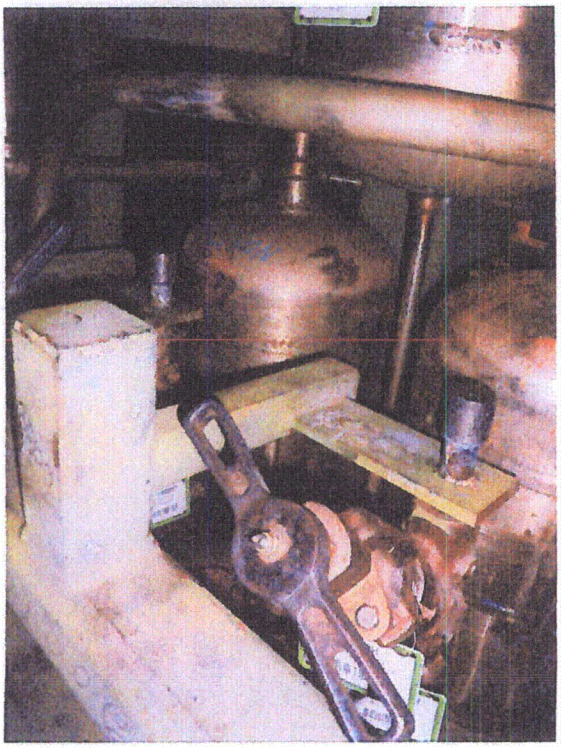


La Salle Unit 2, 2/12/13, DCN0110

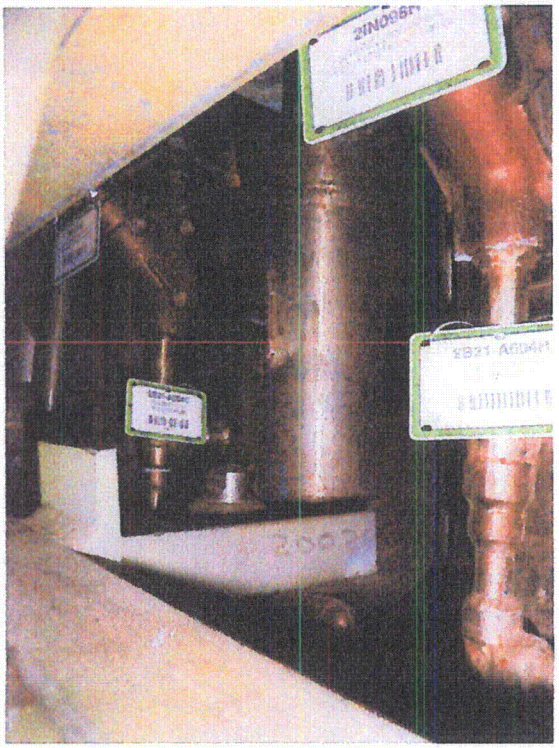
Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-1



La Salle Unit 2, 2/12/13, DCN0111



La Salle Unit 2, 2/12/13, DCN0113

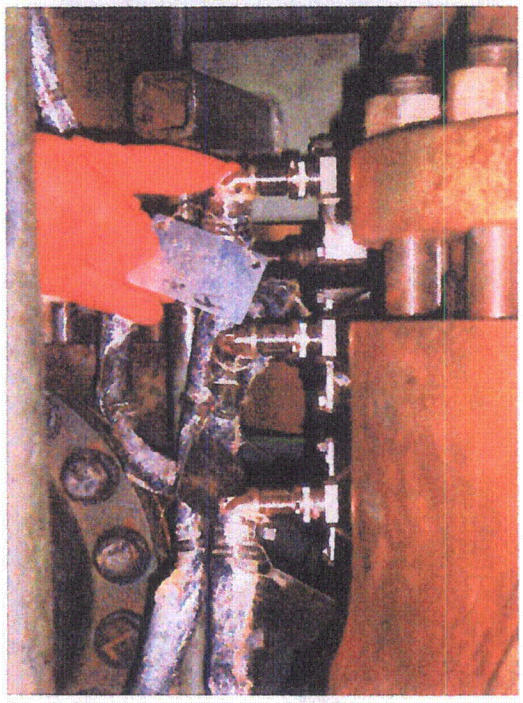
Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-1

La Salle Unit 2, 2/12/13, DCN0114

La Salle Unit 2, 2/12/13, DCN0115



La Salle Unit 2, 2/12/13, DCN0117

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-2

**Instructions for Completing Checklist**

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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.

| | | |
|---|---|---|
| 1. | Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | Yes |
| 2. | Does anchorage of equipment in the area appear to be free of significant degraded conditions? | Yes |
| 3. | Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appears to be inside acceptable limits)? | Yes |
| 4. | Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | Yes |
| 5. | Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? | Yes |
| 6. | Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? | Yes |
| 7. | Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations(e.g., scaffolding, lead shielding)? | Yes |

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-2

| | | |
|---|---|---|
| 8. | Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? | Yes |

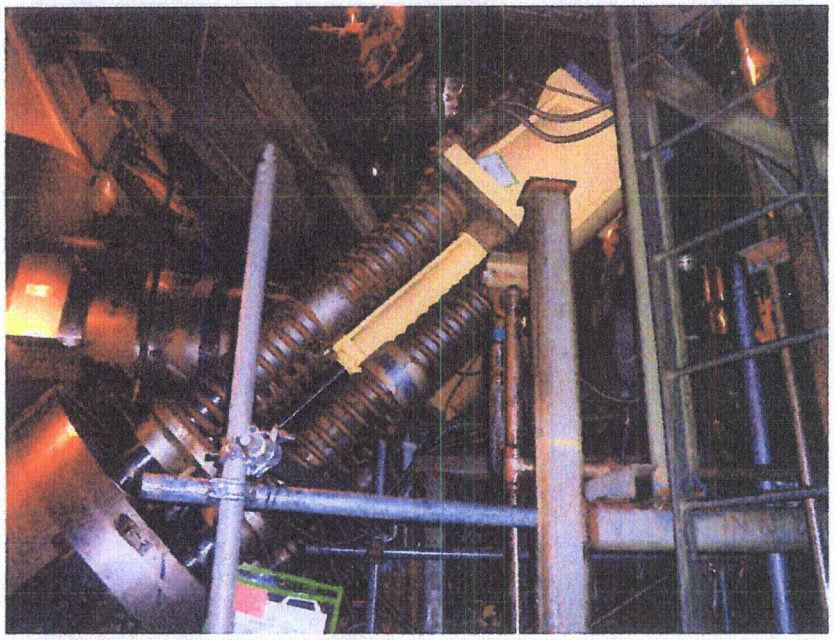
**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

Evaluated by: Jorge Sanchez Date: 2/12/2013

James Griffith 2/12/2013

**Photos**



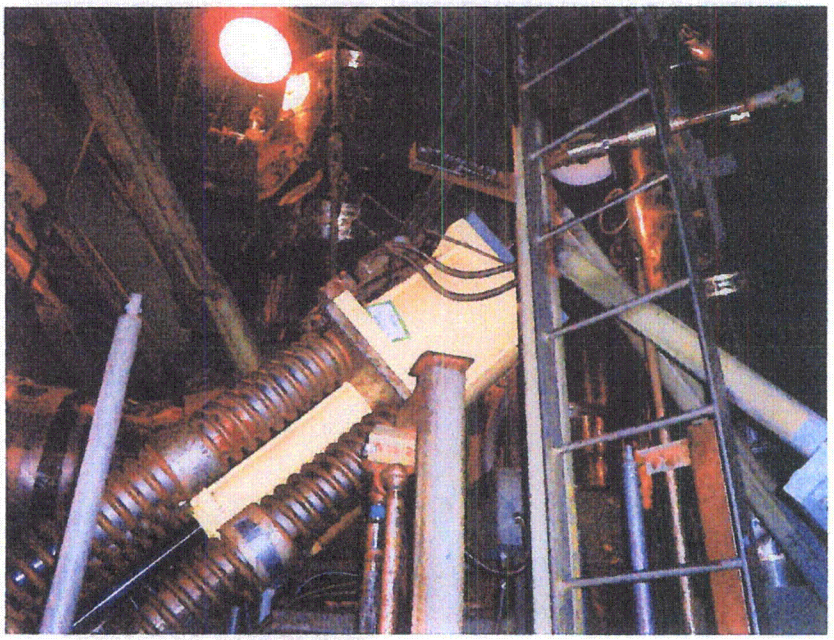
La Salle Unit 2, 2/12/13, DCN0118

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-2

La Salle Unit 2, 2/12/13, DCN0119



La Salle Unit 2, 2/12/13, DCN0120

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-3

**Instructions for Completing Checklist**

This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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.

| | | |
|---|---|---|
| 1. | Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? | Yes |
| 2. | Does anchorage of equipment in the area appear to be free of significant degraded conditions? | Yes |
| 3. | Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appears to be inside acceptable limits)? | Yes |
| 4. | Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? | Yes |
| 5. | Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? | Yes |
| 6. | Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? | Yes |
| 7. | Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations(e.g., scaffolding, lead shielding)? | Yes |

Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-3

| | |
|---|---|
| 8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? | Yes |

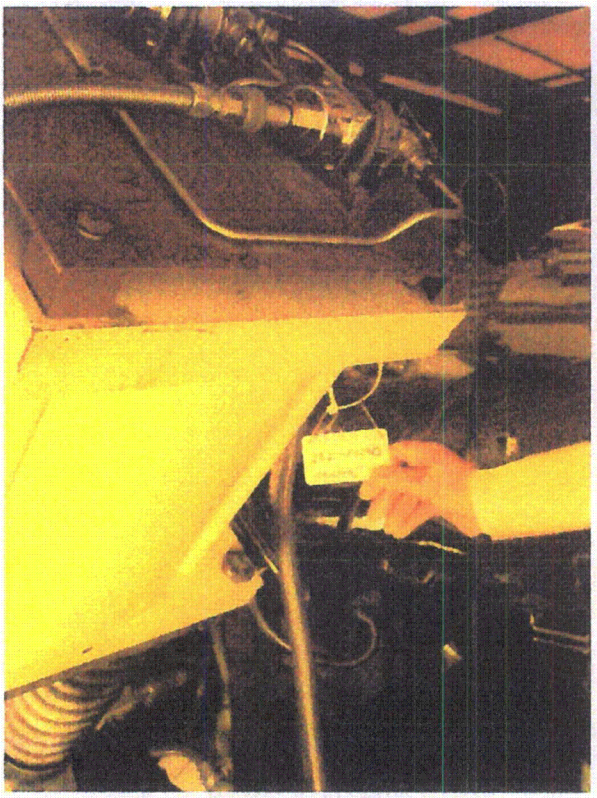
**Comments**

**Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013**

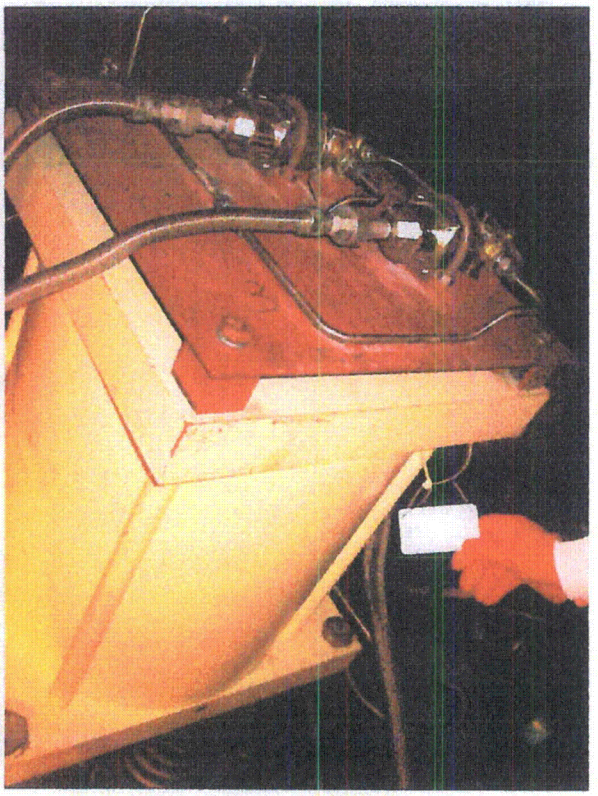
Evaluated by: Jorge Sanchez Date: 2/12/2013

James Griffith 2/12/2013

**Photos**



La Salle Unit 2, 2/12/13, IMG_1612

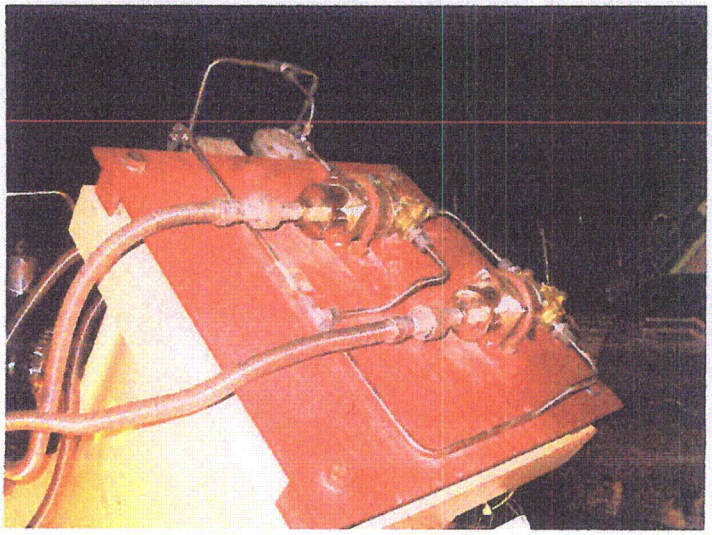


La Salle Unit 2, 2/12/13, IMG_1613

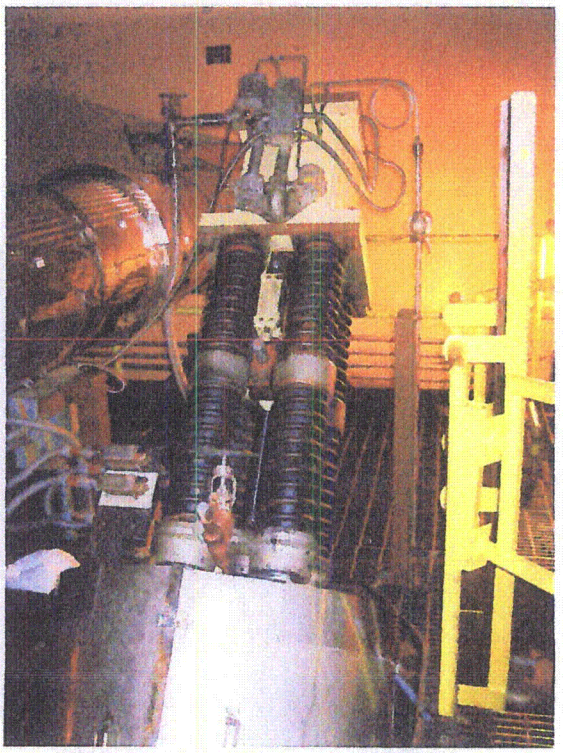
Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-3



La Salle Unit 2, 2/12/13, IMG_1615

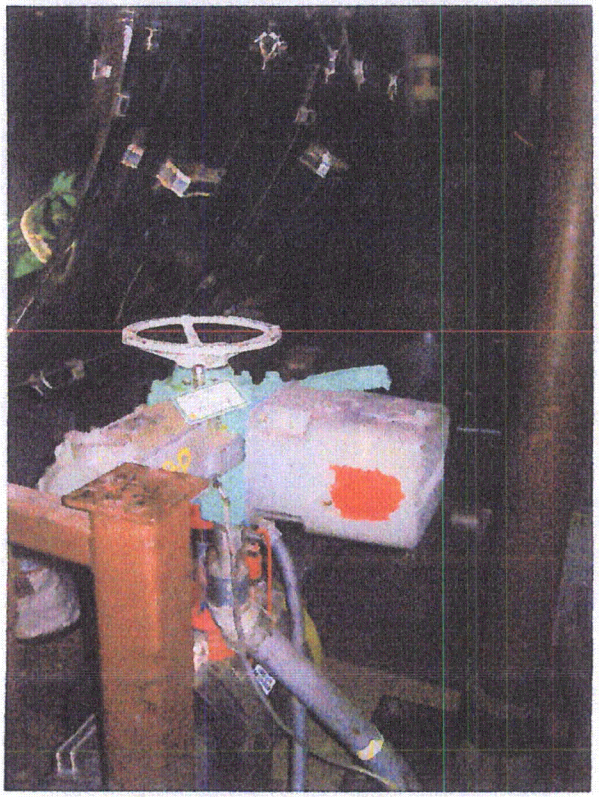


La Salle Unit 2, 2/12/13, IMG_1618

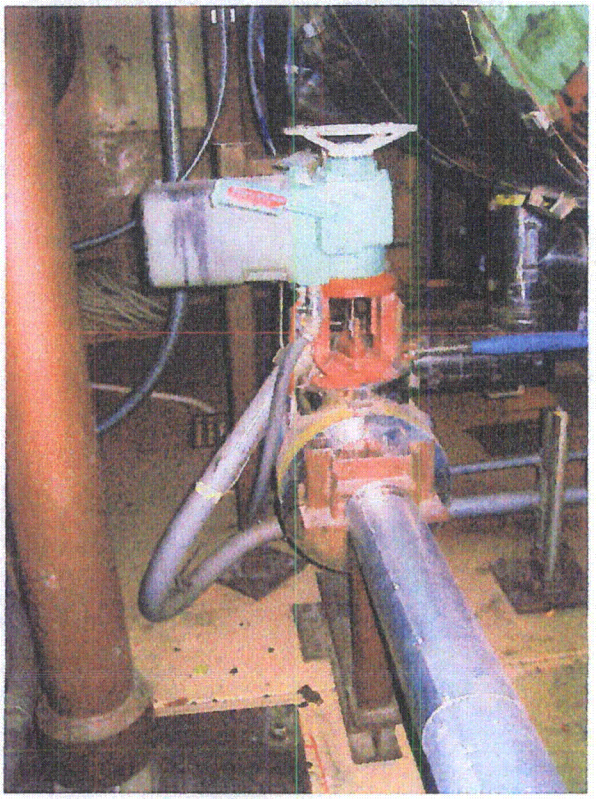
Status: [Y] N U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area Walk-by 5-3



La Salle Unit 2, 2/12/13, IMG_1621



La Salle Unit 2, 2/12/13, IMG_1626

# AE

## Plan for Future Seismic Walkdown of Inaccessible Equipment

All inaccessible deferred item inspections and associated area walk-bys have been completed and documented in Appendices AC and AD of this Annex A.

Per Section 5.4 of Enclosure 2 of Exelon letter to the NRC (RS-12-163), supplemental internal inspections of certain cabinets are required due to clarification provided by the NRC after the online seismic walkdowns were completed. Table AE-2 lists the remaining electrical cabinets that require a supplemental internal inspection.

**Table AE-2**. Supplemental Cabinet Internal Inspection List

| COMPONENT ID | DESCRIPTION | EQUIPMENT CLASS | ACCESSIBLE (Y/N) | IF NOT ACCESSIBLE, WHY? | MILESTONE COMPLETION | TRACKING NUMBER (IR NUMBER) |
|---|---|---|---|---|---|---|
| 2AP71E | DIV I 480V MCC 235X-1 | (01) Motor Control Centers | YES | N/A | L2R15 Refueling Outage | IR 01425162 W/O 414283 |
| 2AP73E | DIV I 480V MCC 235X-3 | (01) Motor Control Centers | YES | N/A | L2R15 Refueling Outage | IR 01425162 W/O 414283 |
| 2AP15E | 480V SWGR 233 | (02) Low Voltage Switchgear and Breaker Panels | YES | N/A | L2R15 Refueling Outage | IR 01425162 W/O 414283 |
| 2AP19E | DIV I 480V SWGR 235X | (02) Low Voltage Switchgear and Breaker Panels | YES | N/A | L2R15 Refueling Outage | IR 01425162 W/O 414283 |
| 2AP19E-103B | TRANSFORMER, 235X | (04) Transformers | YES | N/A | L2R15 Refueling Outage | IR 01425162 W/O 414283 |

# AF

# Peer Review Report

This appendix includes the Peer Review Team's report on the follow-on seismic Walkdowns and Walk-Bys.

# Peer Review Report
# for
# Near Term Task Force (NTTF) Recommendation 2.3
# Seismic Walkdown Inspection
# of
# LaSalle County Generating Station

# Unit 2

# Annex A

**May 10, 2013**

**Prepared by Peer Reviewers**

**Gregory Engels (Team Leader)**
**Jeffrey Snyder**

| | |
|---|---|
| Gregory Engels / | 5/10/13 |
| Peer Review Team Leader Certification Signature | Date |

# 1 Introduction

## 1.1 OVERVIEW

This report documents the independent peer review for the Near Term Task Force (NTTF) Recommendation 2.3: Seismic Walkdowns, Annex A follow-on activities performed by Exelon LaSalle Engineering Department for Unit 2 of the LaSalle County Generating Station (LCGS). This peer review process includes the following activities:

Review the checklists of the items completed during the follow-on Seismic Walkdowns and Area walk-Bys.

Review the licensing basis evaluations.

Review the decisions for entering the adverse seismic conditions identified during the follow-on walkdowns into the plant's Corrective Action Program (CAP).

Review the final submittal report (Annex A).

Summarize the results of the peer review process in the final submittal report.

The peer review does not include the review of the selection of the structures, systems, and components (SSCs) included in this follow-on walkdown as they were included in the initial report and had been reviewed under the peer review of that report.

## 1.2 PEER REVIEWERS

The peer reviewers for LCGS Unit 2 are Messrs. Gregory Engels and Jeffrey Snyder, both of LaSalle County Generating Station. Mr. Engels is designated the Peer Review Team Leader. None of the aforementioned engineers were involved in the follow-on seismic walkdown inspection process, and so that they can maintain their independence from the project. The peer reviewer qualifications are included in Appendix AA of Annex A.

The peer review of the follow-on seismic walkdown inspection started on May 6, 2013.

The peer review discussions on the follow-on activities are documented herein.

No issues were identified which challenged the current licensing basis.

## 1.3 SWEL DEVELOPMENT

No new equipment was added to the SWEL presented in the initial report.

## 1.4 SEISMIC WALKDOWN INSPECTION

The peer review of the follow-on seismic walkdown inspection started on May 6, 2013. The peer review discussions on the follow-on activities are documented in Section 3.

# 2 Peer Review – Selection of SSCs

## 2.1 PURPOSE

The purpose of this section is to describe the process to perform the peer review of the selected structures, systems, and components, (SSCs) that were included in the Seismic Walkdown Equipment List (SWEL) for LaSalle County Generating Station – Unit 2.

However, this peer review is performed for SSC's that were previously inaccessible and were completed during the follow-on Seismic Walkdowns and Area Walk-bys. There are no changes to the SWEL, so the selection of new SSCs does not apply in this case.

# 3

# Review of Seismic Walkdown & Area Walk-By Checklists

## 3.1 OVERVIEW

A peer review of the Annex A, including SWCs and AWCs completed for the follow-on items identified in Tables A3-1 and A3-2, was performed on May 8 and 9, 2013, after which an interview was conducted by Messrs. Engels and Snyder with the trained Seismic Walkdown Engineer (SWE) Mr. Jorge Sanchez, in accordance with the Seismic Walkdown Guidance requirements.

## 3.2 FOLLOW-ON SEISMIC WALKDOWN CHECKLISTS

100% of the equipment inspected during the follow-on walkdown are included in the peer review, see follow-on Seismic Walkdown, and Area-Walk-By Checklists presented below:

**Table A3-1: Follow-on Seismic Walkdown Checklists**

| Component ID | Description | Observations |
|---|---|---|
| 2B21-A004C | ACCUMULATOR, MSRV | No Concerns |
| 2B21-F013C | C MS LINE SAFETY/RELIEF VLV | No Concerns |
| 2B21-F013C-A | SRV C IMF-2 SOLENOID VALVE 'A' | No Concerns |
| 2B21-F022C | C MS INBD ISOL VLV | No Concerns |
| 2B21-F028C | C MS OTBD ISOL VLV | No Concerns |
| 2B21-F028C-P2 | VALVE, SOLENOID, O/B MSIV | No Concerns |
| 2B21-F067C | C MS OTBD ISOL ABOVE SEAT DRN VLV | No Concerns |

**Table A3-2: Follow-on Seismic Walkdown Checklists for Supplemental Internal Inspections**

| Component ID | Description | Observations |
|---|---|---|
| 2AP21E | DIV II 480V SWGR 236X | No Concerns |
| 2AP21E-303B | TRANSFORMER, 236X | No Concerns |
| 2AP78E | DIV II 480V MCC 236X-1 | No Concerns |
| 2AP81E | DIV II 480V MCC 236X-3 | No Concerns |
| 2DC02E | DIV I 250 VDC DISTRIBUTION BUS 2 | No Concerns |
| 2DC03E | 250VDC BATTERY CHARGER | No Concerns |
| 2DC05E | 250VDC MCC 221X | No Concerns |
| 2DC13E | DIV II 125VDC DISTRIBUTION PANEL 212Y | No Concerns |
| 2DC15E | DIV II 125VDC DISTRIBUTION BUS 2B | No Concerns |
| 2DC16E | DIV II 125VDC BATTERY CHARGER 2BB | No Concerns |
| 2PL33J | ASSY - PANEL, RHR B/C CUBE VENT | No Concerns |
| 2PL34J | ASSY - PANEL, RHR A CUBE VENT | No Concerns |
| 2PL35J | ASSY - PANEL, LPCS CUBE VENT | No Concerns |

**Table A3-3: Follow-on Area Walk-By Checklists**

| Area | Area Description | Components Within Area | Observations |
|---|---|---|---|
| 5-1 | Drywell | 2B21-A004C, 2B21-F013C & 2B21-F013C-A | No Concerns |
| 5-2 | Drywell | 2B21-F022C | No Concerns |
| 5-3 | Outboard MSIV Room | 2B21-F028C, 2B21-F028C-P2 & 2B21-F067C | No Concerns |

## 3.2 EVALUATION OF FINDINGS

There were no issues that challenged the licensing bases.

The outcome of the walkdowns indicated that there were no major concerns from the inspections conducted, and the peer reviewers consider the engineering judgments made by the inspectors as appropriate and acceptable, per the EPRI Seismic Walkdown Guidance.

Further, all the outstanding uncompleted corrective action issues in Report RS-12-163 have been addressed, as shown in Tables A5-2 and A5-3 of Annex A.

# 4 Review of Licensing Basis Assessments

There were no issues that challenged the licensing basis for the follow-on items, so there were no assessments required. The peer reviewers concur with this outcome.

# 5 Review of Final Submittal Report and Sign-off

The final submittal report has been reviewed by Messrs. Gregory Engels and Jeffrey Snyder per the requirements of EPRI Seismic Walkdown Guidance (2012 Technical Report 1025289), and found to be acceptable. The review comments have been duly addressed and appropriately incorporated in the Report.