C Seismic Walkdown Checklists (SWCs)

Table C-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.

Table C-1. Summary of Seismic Walkdown Checklists

COMPONENT ID	DESCRIPTION	Anchorage Verification Confirmed?	AWC	COMMENTS	PAGE
0VC03CA	ASSY - FAN, CR HVAC EMERG M/U AIR 0A	N	3-20	SWEL 1	C- 7
2AP06E	DIV II 4160V SWGR 242Y	N	1-02	SWEL 1	C- 15
2AP15E	480V SWGR 233	Y	3-03	SWEL 1	C- 20
2AP19E	DIV I 480V SWGR 235X	Y	4-20	SWEL 1	C- 28
2AP19E-103B	TRANSFORMER, 235X	Y	4-20	SWEL 1	C- 33
2AP21E	DIV II 480V SWGR 236X	Y	1-02	SWEL 1	C- 38
2AP21E-303B	TRANSFORMER, 236X	Y	1-02	SWEL 1	C- 44
2AP71E	DIV I 480V MCC 235X-1	N	4-06	SWEL 1	C- 48
2AP73E	DIV I 480V MCC 235X-3	Y	4-20	SWEL 1	C- 51
2AP78E	DIV II 480V MCC 236X-1	Y	1-11	SWEL 1	C- 55
2AP81E	DIV II 480V MCC 236X-3	Y	1-02	SWEL 1	C- 59
2B21-A004C	ACCUMULATOR, MSRV	N	OUTAGE	SWEL 1	
2B21-F013C	C MS LINE SAFETY/RELIEF VLV	N/A	OUTAGE	SWEL 1	
2B21-F013C-A	SRV C IMF-2 SOLENOID VALVE 'A'	N/A	OUTAGE	SWEL 1	
2B21-F022C	C MS INBD ISOL VLV	N/A	OUTAGE	SWEL 1	
2B21-F028C	C MS OTBD ISOL VLV	N/A	OUTAGE	SWEL 1	
2B21-F028C-P2	VALVE, SOLENOID, O/B MSIV	N/A	OUTAGE	SWEL 1	
2B21-F067C	C MS OTBD ISOL ABOVE SEAT DRN VLV	N/A	OUTAGE	SWEL 1	
2C11-D001002	CONTROL UNIT CRD HYDRAULIC 22-59	Y	3-04	SWEL 1	C- 63
2C11-D001090	CONTROL UNIT CRD HYDRAULIC 26-03	Y	3-04	SWEL 1	C- 68
2C11-D001095	CONTROL UNIT CRD HYDRAULIC 34-59	Y	3-05	SWEL 1	C- 72
2C11-D001184	CONTROL UNIT CRD HYDRAULIC 38-07	Y	3-05	SWEL 1	C- 77
2C11-D2259-125	CRD HCU SCRAM WATER ACCUMULATOR	N/A	3-04	SWEL 1	C- 81
2C11-D2259-126	CRD HCU SCRAM INLET VALVE	N/A	3-04	SWEL 1	C- 83
2C11-D2259-127	CRD HCU SCRAM OUTLET VALVE	N/A	3-04	SWEL 1	C- 85
2C11-D2603-125	CRD HCU SCRAM WATER ACCUMULATOR	N/A	3-04	SWEL 1	C- 87
2C11-D2603-126	CRD HCU SCRAM INLET VALVE	N/A	3-04	SWEL 1	C- 89
2C11-D2603-127	CRD HCU SCRAM OUTLET VALVE	N/A	3-04	SWEL 1	C- 91
2C11-D3459-125	CRD HCU SCRAM WATER ACCUMULATOR	N/A	3-05	SWEL 1	C- 93

COMPONENT ID	DESCRIPTION	Anchorage Verification Confirmed?	AWC	COMMENTS	PAGE
2C11-D3459-126	CRD HCU SCRAM INLET VALVE	N/A	3-05	SWEL 1	C- 95
2C11-D3459-127	CRD HCU SCRAM OUTLET VALVE	N/A	3-05	SWEL 1	C- 97
2C11-D3807-125	CRD HCU SCRAM WATER ACCUMULATOR	N/A	3-05	SWEL 1	C- 99
2C11-D3807-126	CRD HCU SCRAM INLET VALVE	N/A	3-05	SWEL 1	C- 101
2C11-D3807-127	CRD HCU SCRAM OUTLET VALVE	N/A	3-05	SWEL 1	C- 103
2C41-A001	TNK STBY LIQUID CONT SOLUTION	Y	4-02	SWEL 1	C- 105
2C41-C001A	SBLC PMP A	Y	4-02	SWEL 1	C- 110
2DC01E	ASSY - BATTERY, 250 VDC	Y	3-24	SWEL 1	C- 115
2DC02E	DIV I 250 VDC DISTRIBUTION BUS 2	Y	4-20	SWEL 1	C- 123
2DC03E	250VDC BATTERY CHARGER	Y	4-20	SWEL 1	C- 125
2DC05E	250VDC MCC 221X	Y	4-20	SWEL 1	C- 130
2DC13E	DIV II 125VDC DISTRIBUTION PANEL 212Y	Y	1-02	SWEL 1	C- 138
2DC14E	ASSY - BATTERY, 125 VDC DIV-2	Y	1-03	SWEL 1	C- 141
2DC15E	DIV II 125VDC DISTRIBUTION BUS 2B	Y	1-02	SWEL 1	C- 146
2DC16E	DIV II 125VDC BATTERY CHARGER 2BB	Y	1-02	SWEL 1	C- 152
2DG011	2A DG COOLING WTR STRNR BACKWASH OTLT	N/A	1-09	SWEL 1	C- 155
2DG01A	2A DG COOLER	N	1-07	SWEL 1	C- 160
2DG01F	2A DG COOLING WATER STRAINER	Y	1-09	SWEL 1	C- 166
2DG01K	2A DIESEL GENERATOR	Y	1-07	SWEL 1	C- 171
2DG01P	2A DG COOLING WATER PUMP	Y	1-09	SWEL 1	C- 179
2DG01S	2A DG STARTING AIR COMPRESSOR PACKAGE	Y	1-07	SWEL 1	C- 183
2DG02JA	2A DG A GENERATOR CONTROL PANEL	Y	1-07	SWEL 1	C- 191
2DG03J	2A DG ENGINE CONTROL PANEL	Y	1-07	SWEL 1	C- 197
2DG061A	2A DG A/C STARTING AIR MOTORS SUPPLY CONTROL VALVE	N/A	1-07	SWEL 1	C- 203
2DO01P	PUMP, DIESEL OILTRANSFER	Y	1-10	SWEL 1	C- 208
2DO05T	DG 2A DAY TK	Y	1-08	SWEL 1	C- 213
2E12-B001B	2B RHR HEAT EXCH	Y	1-21	SWEL 1	C- 220

COMPONENT ID	DESCRIPTION	Anchorage Verification Confirmed?	AWC	COMMENTS	PAGE
2E12-C002B	2B RESIDUAL HEAT REMOVAL PMP	Y	1-18	SWEL 1	C- 227
2E12-C300B	B RHR SERVICE WATER PUMP	Y	4-21	SWEL 1	C- 234
2E12-D300B	B RHR SERVICE WATER STRAINER	Y	1-09	SWEL 1	C- 238
2E12-F003B	B RHR HX OTLT STOP	N/A	1-20	SWEL 1	C- 245
2E12-F004B	B RHR PMP SUCT FROM SUP POOLSTOP	N/A	1-23	SWEL 1	C- 249
2E12-F011B	B RHR HX STM COND TO SUP CHBR STOP	N/A	1-20	SWEL 1	C- 254
2E12-F026B	B RHR HX STM COND OTLT TO RCIC STOP	N/A	1-20	SWEL 1	C- 258
2E12-F036B	VALVE, RHR RI PP SUCT LINE RELIEF	N/A	1-22	SWEL 1	C- 262
2E12-F048B	B RHR HX BYP STOP	N/A	1-20	SWEL 1	C- 268
2E12-F051B	B RHR HX STM INLT PRESS CONT VLV	N/A	1-21	SWEL 1	C- 273
2E12-F055B	VALVE, RI DISCH LINE RELIEF	N/A	1-21	SWEL 1	C- 280
2E12-F068A	A RHR HEAT EXCH OTLT	N/A	4-26	SWEL 1	C- 287
2E12-F068B	B RHR HEAT EXCH OTLT STOP VLV	N/A	1-18	SWEL 1	C- 292
2E12-N005B	RHR HE 2B SERV WTR DISCH TEMP	N/A	1-20	SWEL 1	C- 294
2E12-N007B	RHR HE 2B SERV WTR INLET FLOW	N	1-18	SWEL 1	C- 297
2E12-N015B	RHR FLOW 2B	N	1-18	SWEL 1	C- 307
2E12-N027B	RHR HE 2B DISCH TO RX VESSEL TEMP	N/A	1-20	SWEL 1	C- 309
2E12-N034B	RHR PUMP 2B DISCH PRESSURE	N	1-18	SWEL 1	C- 313
2E21-C001	PMP LO PRESS CORE SPRAY	Y	4-25	SWEL 1	C- 315
2E21-N003	LPCS PP DISCH FLOW XMITTER	N	4-25	SWEL 1	C- 319
2E22-C001	PMP HI PRESS CORE SPRAY	Y	2-07	SWEL 1	C- 324
2E22-F004	HPCS INJECTION ISOL VALVE	N/A	2-05	SWEL 1	C- 330
2E22-F015	HPCS PUMP SUP POOL SUCT ISOL VALVE	N/A	2-08	SWEL 1	C- 334
2E22-F023	HPCS FULL FLOW TEST ISOL VALVE	N/A	1-19	SWEL 1	C- 338
2E22-N004	HPCS PP DISCH PRESS XMITTER	N	2-07	SWEL 1	C- 342
2E22-N005	HPCS PP DISCH FLOW XMITTER	N	2-07	SWEL 1	C- 350
2E51-C001	RX CORE ISOL COOLING PMP	Y	3-11	SWEL 1	C- 358
2E51-F013	RCIC INJECTION STOP	N/A	3-08	SWEL 1	C- 364

COMPONENT ID	DESCRIPTION	Anchorage Verification Confirmed?	AWC	COMMENTS	PAGE
2E51-F031	RCIC PMP SUCT FROM SUP POOL STOP	N/A	3-12	SWEL 1	C- 368
2E51-F045	RCIC TURB STM SPLY STOP	N/A	3-11	SWEL 1	C- 371
2FC133	FUEL POOL COOLING PUMP SUCT HDR TORHR SYS DRN STOP	N/A	1-23	SWEL 2	C- 375
2FC140	FUEL POOL SYS TO RHR SUCT STOP	N/A	3-29	SWEL 2	C- 379
2H13-P601	ASSY - PANEL, EMERG CORE COOL SYST	N	3-32	SWEL 1	C- 382
2H13-P602	ASSY - PANEL, RWCU/RX RECIRC CONTROL	N	3-32	SWEL 1	C- 385
2HG001A	H2 RECOMB 2HG01A U-2 DW SUCT. VLV	N/A	1-12	SWEL 1	C- 389
2HG005A	H2 RECOMB 2HG01A U-2 SUP POOL DIS VLV-OVHD AT 210'	N/A	1-15	SWEL 1	C- 394
2HG01A	ASSY - BLOWER, H2 RECOMBINER	N	1-24	SWEL 1	C- 398
2PI-DG094	2A DG A AIR RECEIVER PRESS	N/A	1-07	SWEL 1	C- 403
2PL33J	ASSY - PANEL, RHR B/C CUBE VENT	Y	1-20	SWEL 1	C- 408
2PL34J	ASSY - PANEL, RHR A CUBE VENT	Y	4-12	SWEL 1	C- 412
2PL35J	ASSY - PANEL, LPCS CUBE VENT	Y	4-10	SWEL 1	C- 416
2TE-HG014A	HYDROGEN RECOMBINER GAS INLET (TE-1A)	N/A	1-24	SWEL 1	C- 420
2VQ029	DW VENT/PURGE FROM RX BLDG UPSTRM ISOL	N/A	1-13	SWEL 1	C- 425
2VQ030	DW VENT/PURGE FROM RX BLDG DWNST ISOL	N/A	1-13	SWEL 1	C- 428
2VQ031	SUP POOL VENT/PURGE OTLT UPSTRM ISOL	N/A	1-14	SWEL 1	C- 434
2VQ032	SUP POOL VENT/PURGE OTLT UPSTRM ISOL BYP	N/A	1-14	SWEL 1	C- 438
2VQ034	DW VENT/PURGE OTLT UPSTRM ISOL	N/A	1-12	SWEL 1	C- 442
2VQ035	DW VENT/PURGE OTLT UPSTRM ISOL BYP	N/A	1-12	SWEL 1	C- 447
2VQ036	DW VENT/PURGE OTLT DWNST ISOL	N/A	4-05	SWEL 1	C- 450
2VQ040	SUP POOL VENT/PURGE OTLT DWNST ISOL	N/A	4-11	SWEL 1	C- 453
2VX04C	FAN, ESS SWGR DIV-2 VENT SUPPLY	Y	1-02	SWEL 1	C- 456

COMPONENT ID	DESCRIPTION	Anchorage Verification Confirmed?	AWC	COMMENTS	PAGE
2VX05C	FAN, ESS SWGR DIV-2 BATT ROOM EXH	N	1-02	SWEL 1	C- 461
2VY02C	ASSY_-_FAN, CSCS EQUIP HPCS PP CUBICAL SUPPLY	Y	2-06	SWEL 1	C- 465
2VY03C	ASSY_-_FAN, RHR PUMP B/C ROOM COOLING FAN	N	1-19	SWEL 1	C- 469
2VY04C	ASSY - FAN, LPCS PUMP ROOM COOLING	Y	4-24	SWEL 1	C- 473
2VY05C	DIV I CSCS PUMP ROOM SUPPLY FAN	N	4-22	SWEL 1	C- 478
2VY06C	ASSY - FAN, CSCS EQUIP RHR WS PP 2C-2B CUBE SUP	N	1-01	SWEL 1	C- 483
2WR029	DW EQUIP RBCCW INLT OTBD ISOL STOP	N/A	4-13	SWEL 1	C- 488
2WR040	DW EQUIP RBCCW OTLT OTBD ISOL STOP	N/A	4-04	SWEL 1	C- 492

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 802.00 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

   Minor lack of thread engagement on 1 anchor at each end of fan judged to be acceptable.

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

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

   Minor shrinkage cracking in floor judged to be acceptable.

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.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

Interaction Effects

7.	Are soft targets free from impact by nearby equipment or structures? *Small, flexible tube in contact with filter housing judged to be acceptable.*	Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? *Overhead light fixtures judged to be acceptable.*	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. Griffith & M. Wodarcyk - 9/12/2012

Evaluated by: James Griffith Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

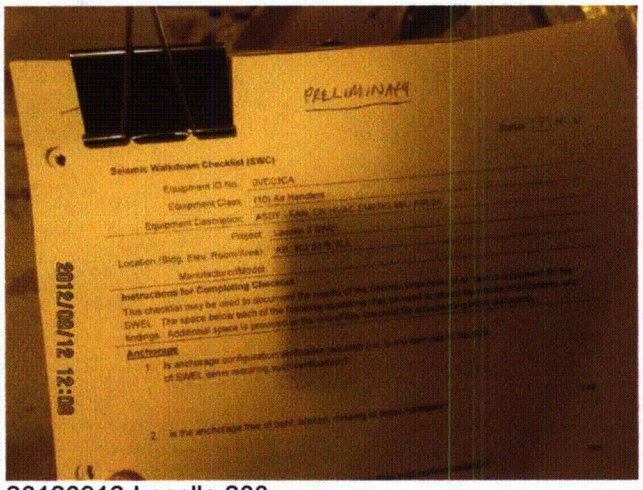
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

Photos



20120912-Lasalle 203

20120912-Lasalle 205

20120912-Lasalle 206

20120912-Lasalle 207

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

20120912-Lasalle 208

20120912-Lasalle 209

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

20120912-Lasalle 210

20120912-Lasalle 211

Status: [Y] N U

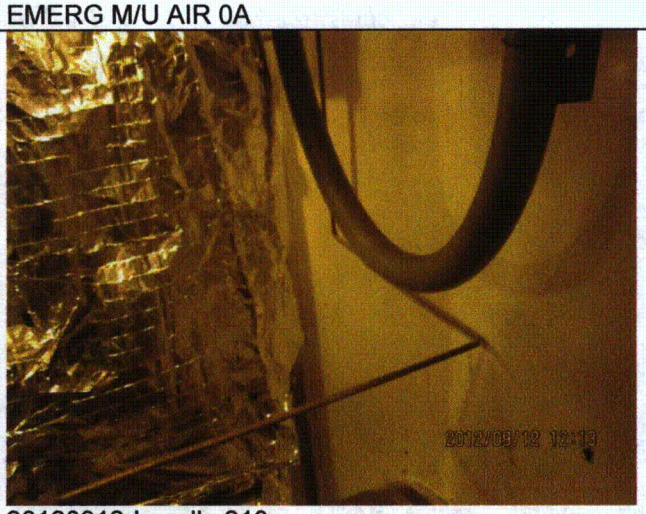
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

20120912-Lasalle 212



20120912-Lasalle 213

Status: [Y] N U

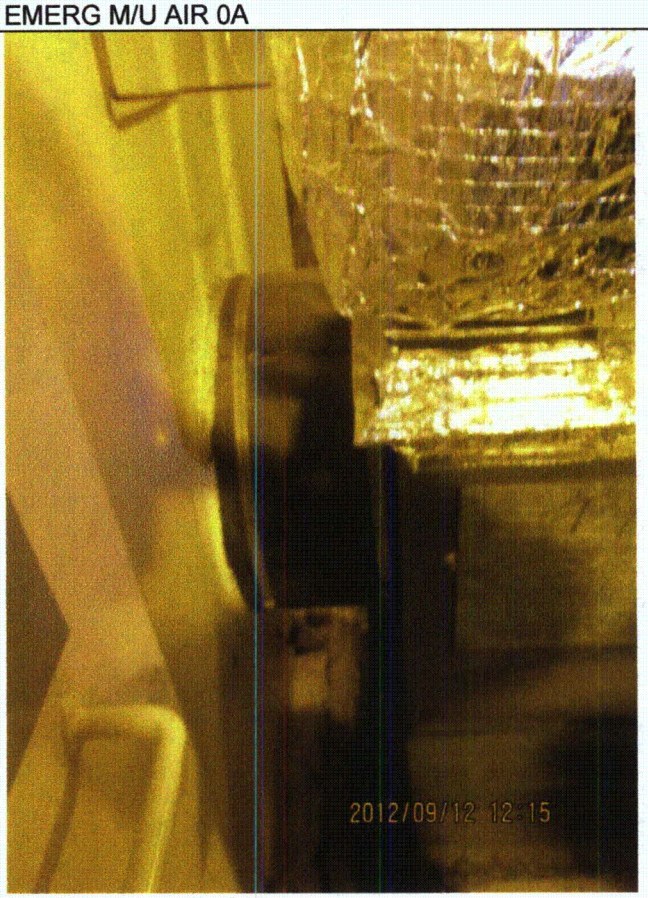
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

20120912-Lasalle 214



20120912-Lasalle 215

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC03CA

Equipment Class: (10) Air Handlers

Equipment Description: ASSY - FAN, CR HVAC EMERG M/U AIR 0A

20120912-Lasalle 216

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP06E

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: DIV II 4160V SWGR 242Y

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)? — No

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

   All cubicles are anchored to the floor with combination welds, bolts, and plug welds. Cubicles are bolted together.

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

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

   Minor shrinkage cracking in floor judged to be acceptable.

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.: 2AP06E

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: DIV II 4160V SWGR 242Y

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? *Overhead light fixtures judged to be acceptable.* *Masonry wall to west of switchgear is safety-related per drawing A-187, Rev. AR.*	Yes
9.	Do attached lines have adequate flexibility to avoid damage? *Bus duct feeders are robust and well-braced. They are located on the top of the switchgear and judged to be acceptable.*	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? *All switchgear cubicles were opened. No adverse seismic conditions were observed.*	Yes

Comments

Seismic Walkdown Team: D. Carter & J. Griffith - 8/27/2012

Evaluated by: David Carter Date: 10/17/2012

James Griffith 10/17/2012

Status: [Y] N U

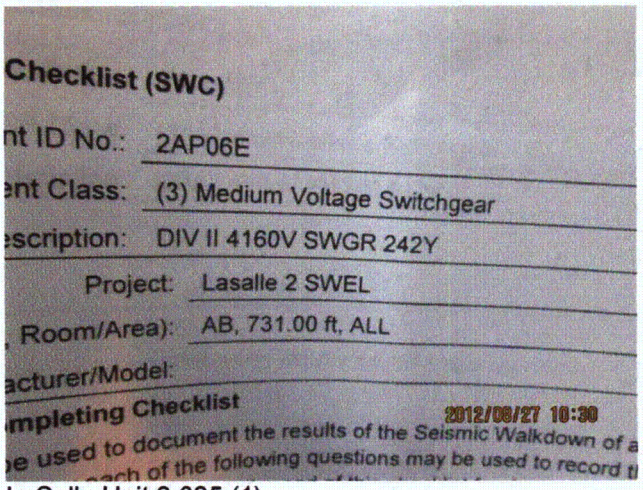
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP06E

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: DIV II 4160V SWGR 242Y

Photos



LaSalle Unit 2 025 (1)

LaSalle Unit 2 025 (10)

LaSalle Unit 2 025 (2)

LaSalle Unit 2 025 (3)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP06E

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: DIV II 4160V SWGR 242Y

LaSalle Unit 2 025 (4)

LaSalle Unit 2 025 (5)

LaSalle Unit 2 025 (6)

LaSalle Unit 2 025 (7)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP06E

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: DIV II 4160V SWGR 242Y

LaSalle Unit 2 025 (8)

LaSalle Unit 2 025 (9)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233

Project: Lasalle 2 SWEL

Location (Bldg, Elev, Room/Area): RB, 786.00 ft, ALL

Manufacturer/Model:

Instructions for Completing Checklist

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

Anchorage

1.	Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Yes
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5.	Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) *Anchorage shown on drawings 1E-2-3529, Sheet 1, Rev. AH and 1E-2-3509, Rev. AJ.*	Yes
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233

Interaction Effects

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

   Switchgear bolted to adjacent transformer.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
   Overhead light fixtures judged to be acceptable.

   Adjacent masonry wall is safety-related per drawing A-239, Rev. M.

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. Griffith & M. Wodarcyk - 9/10/2012

Evaluated by: James Griffith Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

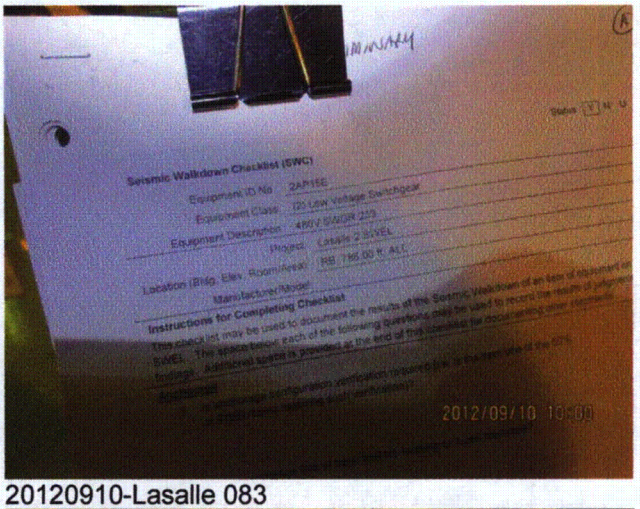
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

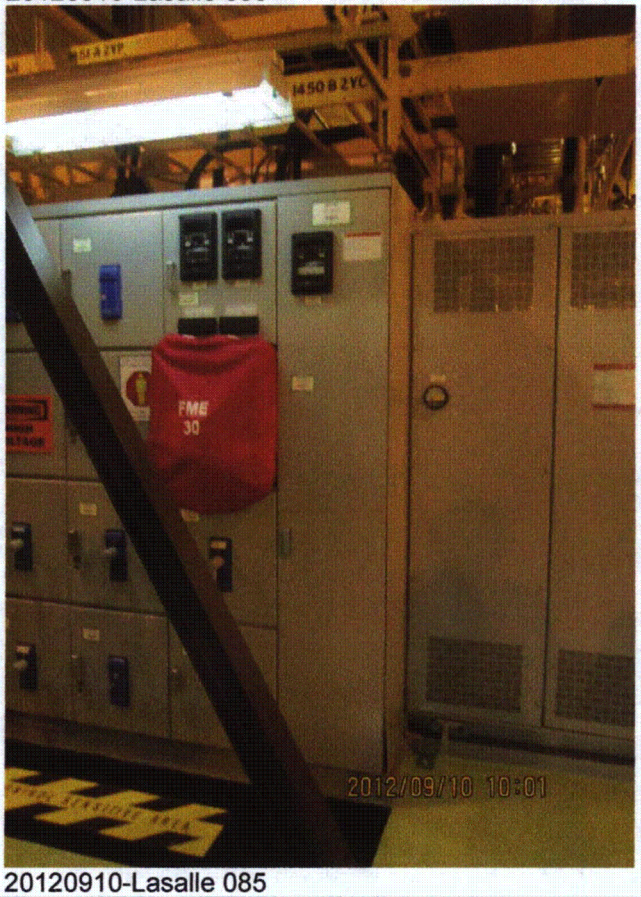
Equipment Description: 480V SWGR 233

Photos



20120910-Lasalle 083

20120910-Lasalle 084



20120910-Lasalle 085

20120910-Lasalle 086

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233

20120910-Lasalle 087

20120910-Lasalle 088

20120910-Lasalle 089

20120910-Lasalle 090

Status: [Y] N U

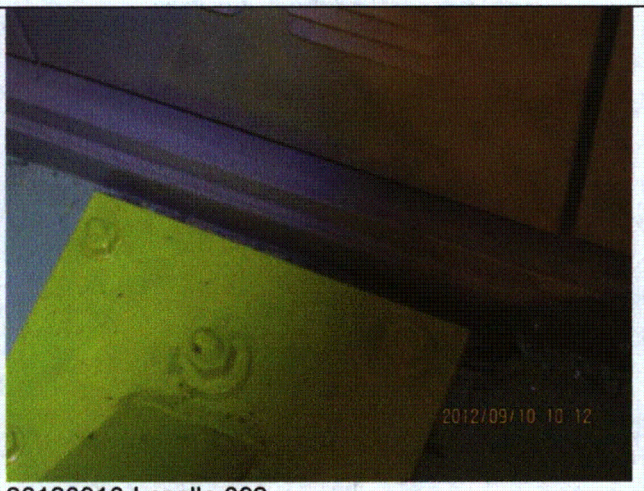
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233

20120910-Lasalle 091



20120910-Lasalle 092

20120910-Lasalle 093

20120910-Lasalle 094

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

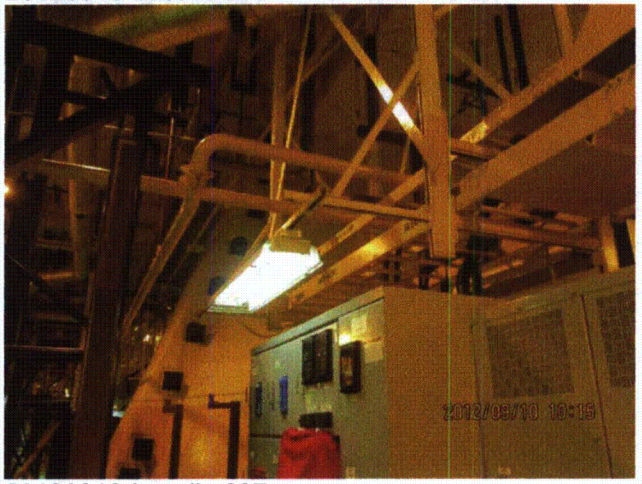
Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

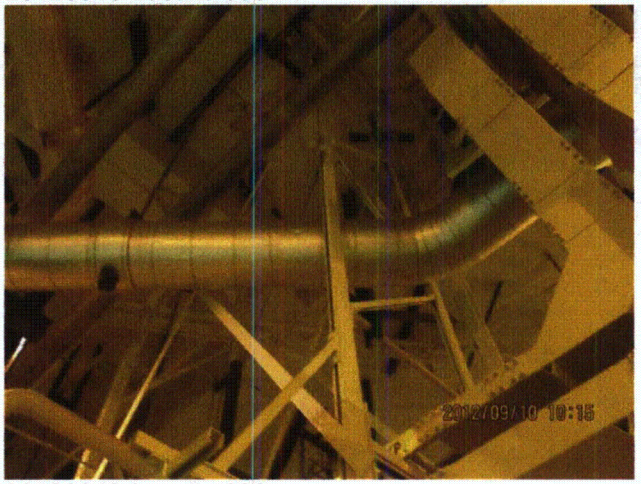
Equipment Description: 480V SWGR 233

20120910-Lasalle 095

20120910-Lasalle 096



20120910-Lasalle 097



20120910-Lasalle 098

Status: [Y] N U

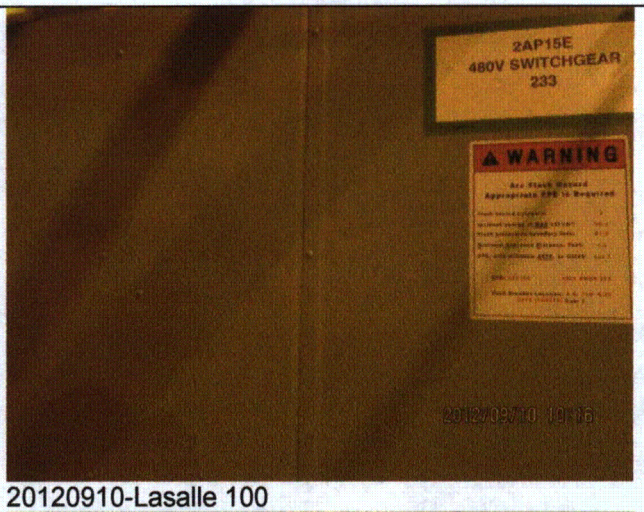
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233

20120910-Lasalle 099



20120910-Lasalle 100

20120910-Lasalle 101

20120910-Lasalle 102

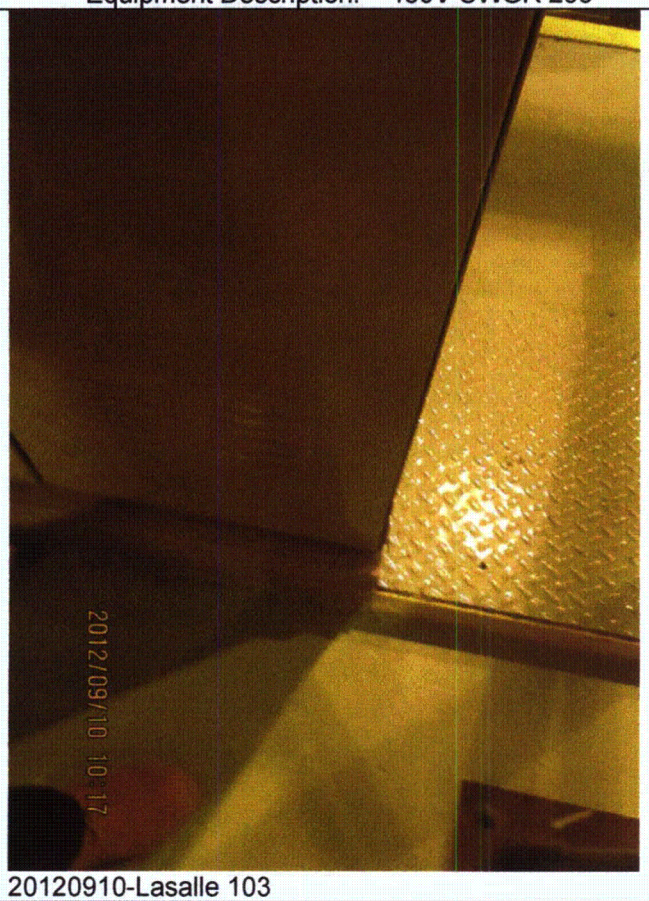
Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP15E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V SWGR 233



20120910-Lasalle 103

20120910-Lasalle 104

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV I 480V SWGR 235X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)?	Yes
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5.	Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) *Anchorage shown on drawings 1E-2-3434, Sheet 1, Rev. AY and 1E-2-3434, Sheet 2, Rev. X.*	Yes
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV I 480V SWGR 235X

Interaction Effects

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

   Breaker and transformer are bolted together.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
   Top S-hook of 2 chains at one end of overhead light fixture not completely closed. Movement sufficient to cause light fixture to fall is not credible. Fixture is judged to be acceptable.

   Adjacent masonry column (L-20) pilaster with running bond construction judged to be acceptable.

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

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

Other Adverse Conditions

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

Comments

Seismic Walkdown Team: M. Etre & M. Wodarcyk - 9/18/2012

All cabinets bolted and therefore unopened by walkdown team.

Evaluated by: Mark Etre Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

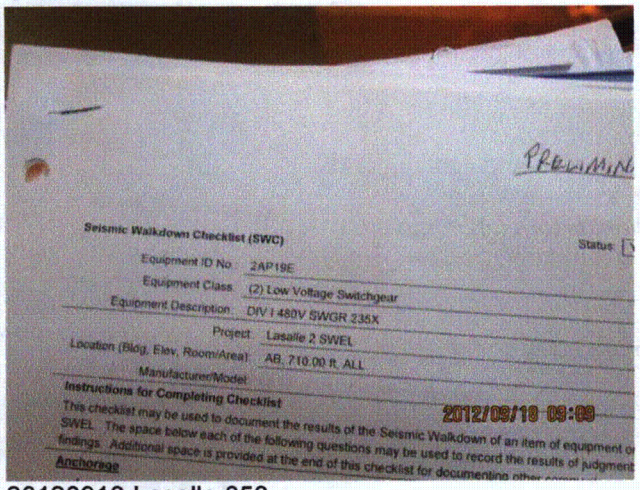
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E

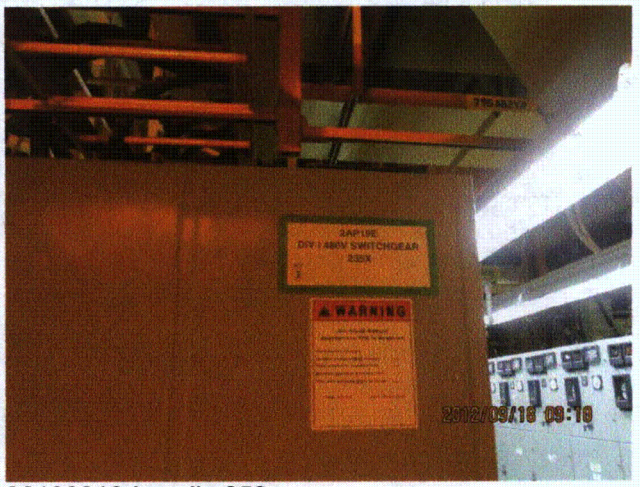
Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV I 480V SWGR 235X

Photos



20120918-Lasalle 058



20120918-Lasalle 059

20120918-Lasalle 060

20120918-Lasalle 061

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV I 480V SWGR 235X

20120918-Lasalle 062

20120918-Lasalle 063

20120918-Lasalle 064

20120918-Lasalle 065

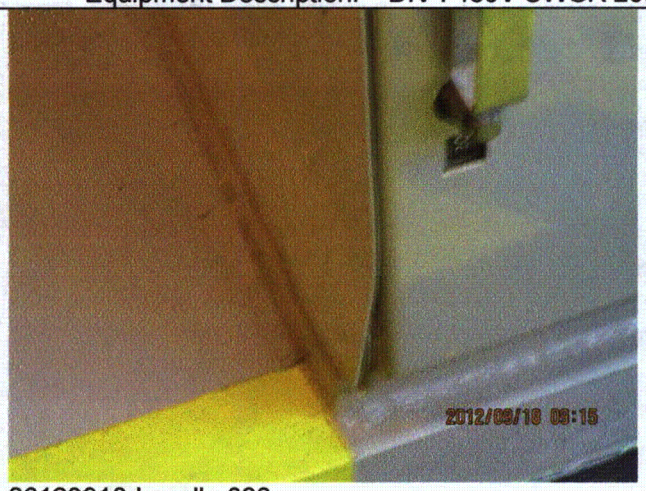
Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV I 480V SWGR 235X



20120918-Lasalle 066

20120918-Lasalle 067

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E-103B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 235X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)? Yes

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

   Transformer sits on base concrete pad. Small gap (approx. 1/2") between base of each anchor trunnion for transformer and top of concrete pad judged to be acceptable.

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

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

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

   Anchorage shown on drawings 1E-2-3434, Sheet 1, Rev. AY and 1E-2-3434, Sheet 2, Rev. X.

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.: 2AP19E-103B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 235X

Interaction Effects

7.	Are soft targets free from impact by nearby equipment or structures? *Overhead chain-hung light fixture with sufficient clearance to not impact transformer.*	Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? *Adjacent masonry columns (L-19, L-20) pilaster with running bond construction judged to be acceptable.*	Yes
9.	Do attached lines have adequate flexibility to avoid damage?	Yes
10.	Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Yes

Other Adverse Conditions

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

Comments

Seismic Walkdown Team: M. Etre & M. Wodarcyk - 9/18/2012

EPN tag not present. Correct item verified by Operations and Engineering.

All cabinets bolted and therefore unopened by walkdown team.

Evaluated by: Mark Etre Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

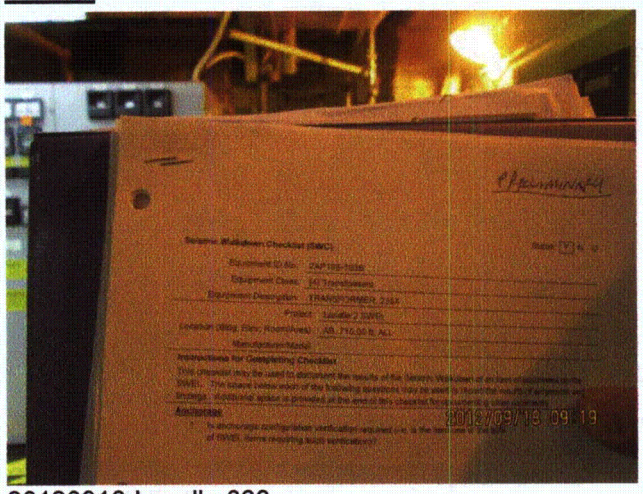
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E-103B

Equipment Class: (4) Transformers

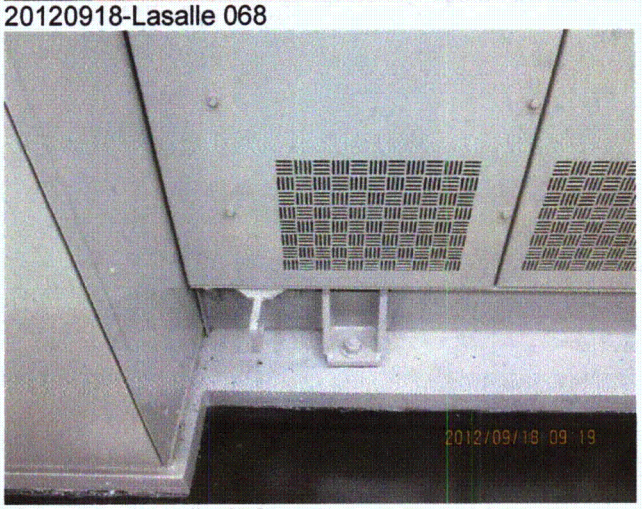
Equipment Description: TRANSFORMER, 235X

Photos



20120918-Lasalle 068

20120918-Lasalle 069



20120918-Lasalle 070

20120918-Lasalle 071

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E-103B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 235X

20120918-Lasalle 072

20120918-Lasalle 073

20120918-Lasalle 074

20120918-Lasalle 075

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP19E-103B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 235X

20120918-Lasalle 076

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)?	Yes
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5.	Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) *Anchorage shown on drawings 1E-2-3444, Sheet 1, Rev. B and 1E-2-3434, Sheet 2, Rev. X.*	Yes
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X

Interaction Effects

7.	Are soft targets free from impact by nearby equipment or structures? *The gap between the switchgear and charger 2DC17E is judged to be acceptable.* *The switchgear is bolted to the adjacent transformer.*	Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? *Overhead light fixtures judged to be acceptable.* *Adjacent masonry wall is safety-related per drawing A-187, Rev. AR.*	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: D. Carter & J. Griffith - 8/27/2012

Evaluated by: David Carter Date: 10/17/2012

James Griffith 10/17/2012

Status: [Y] N U

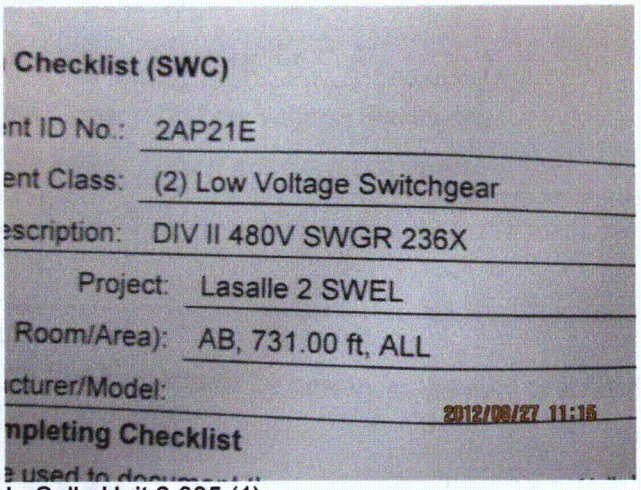
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

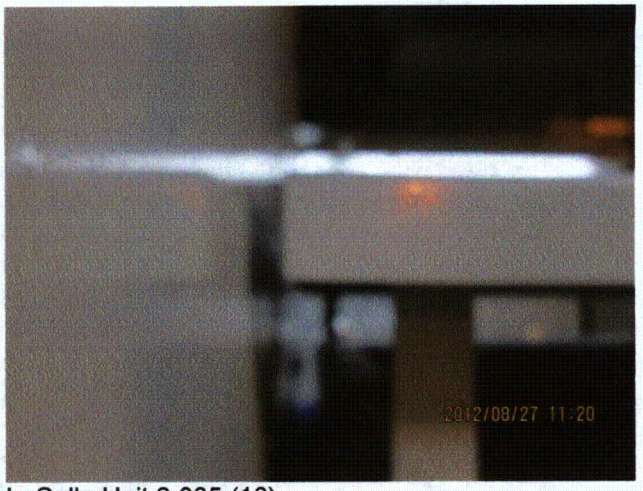
Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X

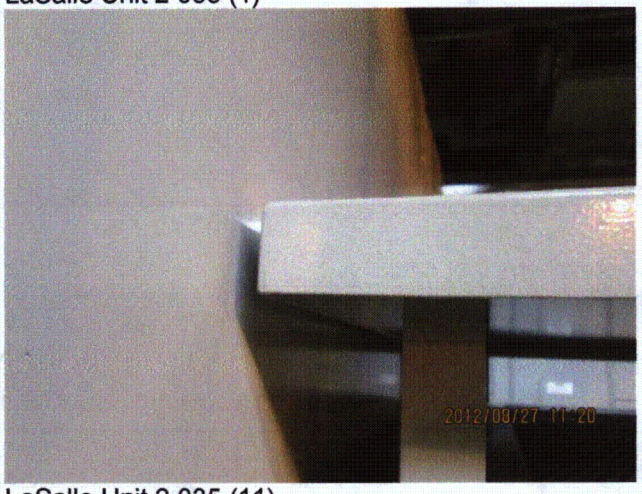
Photos



LaSalle Unit 2 035 (1)



LaSalle Unit 2 035 (10)



LaSalle Unit 2 035 (11)

LaSalle Unit 2 035 (12)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X

LaSalle Unit 2 035 (13)

LaSalle Unit 2 035 (14)

LaSalle Unit 2 035 (15)

LaSalle Unit 2 035 (16)

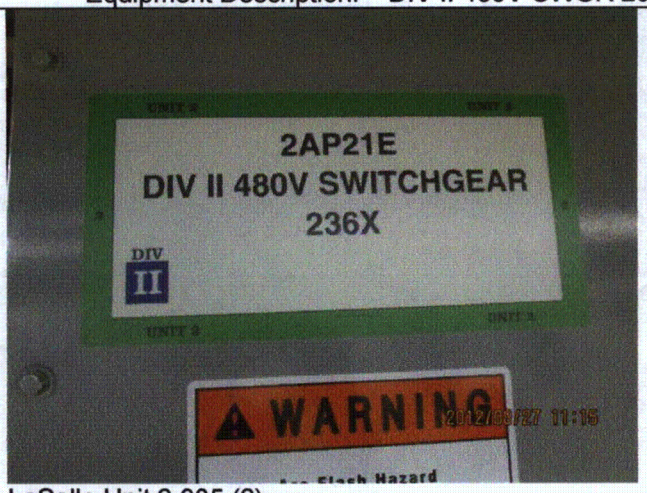
Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

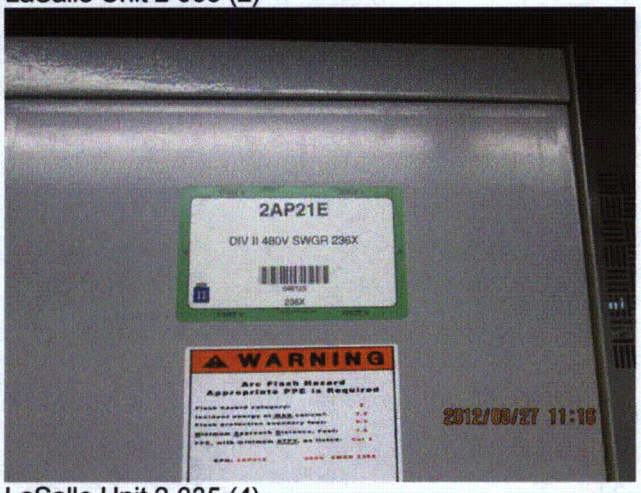
Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X



LaSalle Unit 2 035 (2)

LaSalle Unit 2 035 (3)



LaSalle Unit 2 035 (4)

LaSalle Unit 2 035 (5)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: DIV II 480V SWGR 236X

LaSalle Unit 2 035 (6)

LaSalle Unit 2 035 (7)

LaSalle Unit 2 035 (8)

LaSalle Unit 2 035 (9)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E-303B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 236X

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)? Yes

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

   Minor lack of thread engagement judged to be acceptable. See IR 1405542.

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

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

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

   Anchorage shown on drawings A-187, Rev. AR and 1E-2-3444, Sheet 1, Rev. B, and 1E-2-3434, Sheet 2, Rev. X.

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.: 2AP21E-303B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 236X

Interaction Effects

7.	Are soft targets free from impact by nearby equipment or structures? *Transformer bolted to adjacent switchgear.*	Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? *Overhead light fixtures judged to be acceptable.*	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: D. Carter & J. Griffith - 8/27/2012

Evaluated by: David Carter Date: 10/17/2012

James Griffith 10/17/2012

Status: [Y] N U

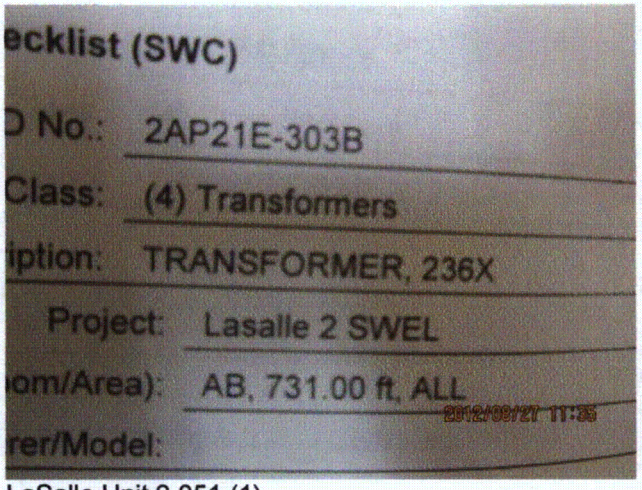
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E-303B

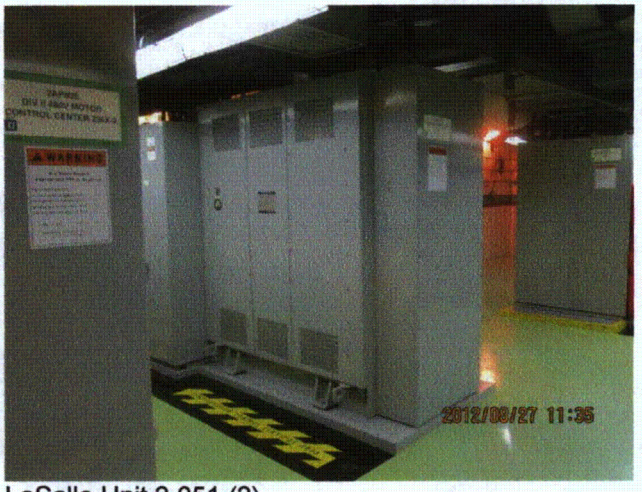
Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 236X

Photos



LaSalle Unit 2 051 (1)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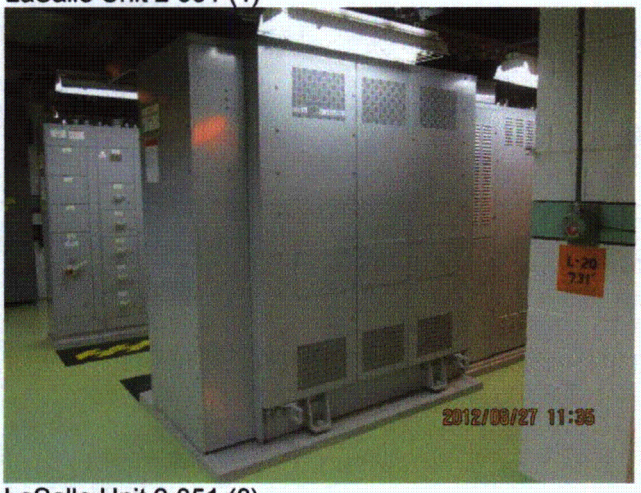
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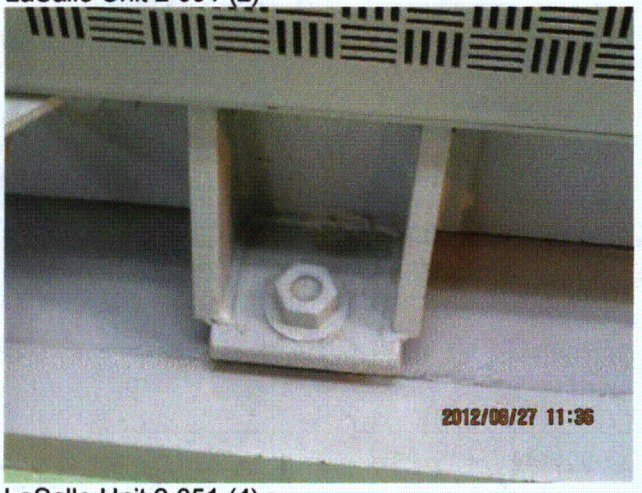

LaSalle Unit 2 051 (4)

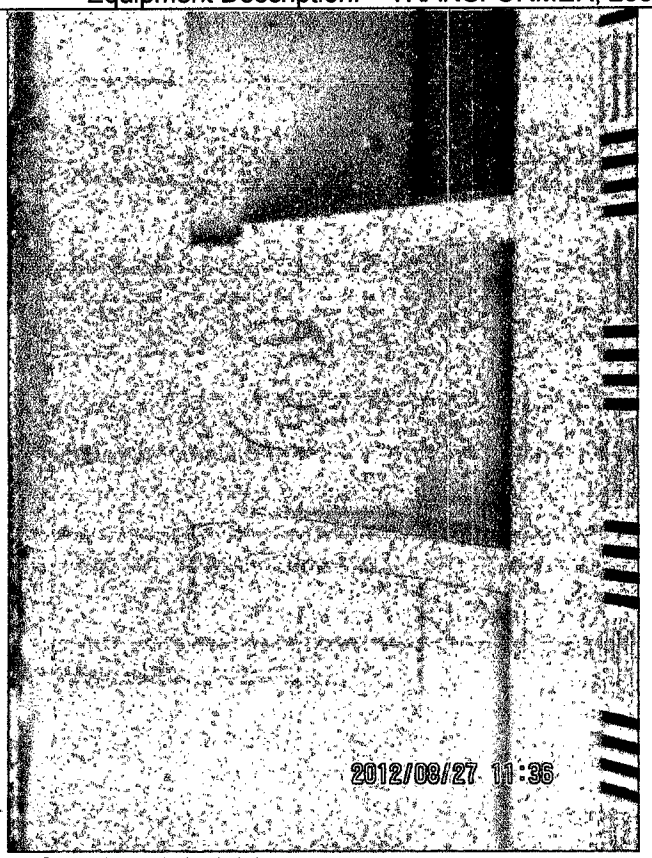
Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP21E-303B

Equipment Class: (4) Transformers

Equipment Description: TRANSFORMER, 236X



LaSalle Unit 2 051 (5)

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP71E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-1

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): RB, 761.00 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
   Full-length welds at front and rear of MCC.

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

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

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

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

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

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP71E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-1

Interaction Effects

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

Other Adverse Conditions

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

Comments

Seismic Walkdown Team: M. Etre & M. Wodarcyk - 9/17/2012

Evaluated by: Mark Etre Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

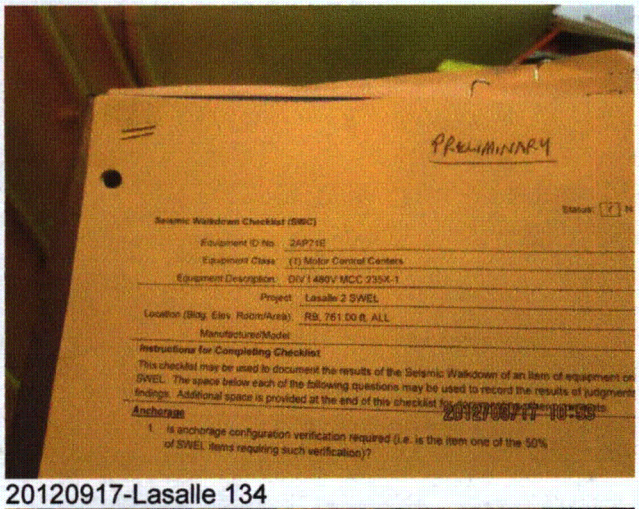
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP71E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-1

Photos



20120917-Lasalle 134

20120917-Lasalle 135

20120917-Lasalle 138

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP73E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-3

Project: LaSalle 2 SWEL

Location (Bldg, Elev, Room/Area): AB, 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)?	Yes
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5.	Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) *Anchorage shown on drawings 1E-2-3434, Sheet 1, Rev. AY and 1E-2-3434, Sheet 2, Rev. X.*	Yes
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP73E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-3

Interaction Effects

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

   Small clearance between 72E and 73E cabinets. Both cabinets are long and stiff in the direction of this small clearance. Both cabinets are of the same type and manufacturer. Therefore, sufficient out-of-phase deflection during a seismic event to cause the 2 cabinets to impact one another is judged to not be credible.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
   Overhead light fixtures judged to be acceptable.

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

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

Other Adverse Conditions

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

Comments

Seismic Walkdown Team: M. Etre & M. Wodarcyk - 9/18/2012

Evaluated by: Mark Etre Date: 10/19/2012

Michael Wodarcyk 10/19/2012

Status: [Y] N U

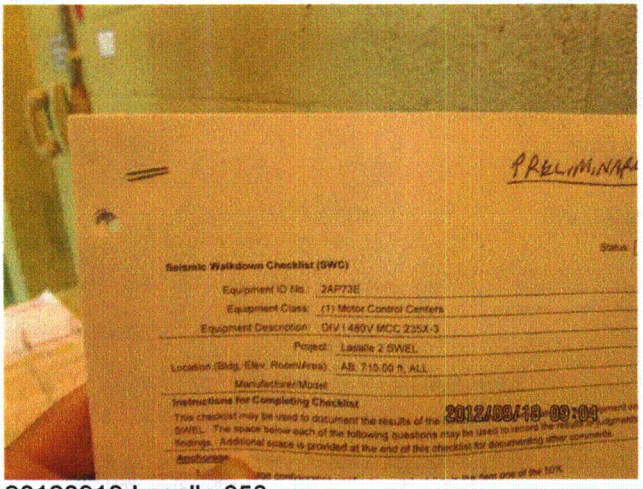
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP73E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-3

Photos



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20120918-Lasalle 051

20120918-Lasalle 052

20120918-Lasalle 053

Status: [Y] N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2AP73E

Equipment Class: (1) Motor Control Centers

Equipment Description: DIV I 480V MCC 235X-3

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