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.

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-1. Summary of Seismic Walkdown Checklists

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

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

Seismic Walkdown Checklist (SWC)	Status: Y N U
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 o SWEL. The space below each of the following questions may be used to record the resul findings. Additional space is provided at the end of this checklist for documenting other co	f equipment on the ts of judgments and omments.
Anchorage	
 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.	
 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

Seismic Walkdown Checklist (SWC)	Status: Y N U
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
<u>Comments:</u> Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013	
Evaluated by: Jorge Sanchez And J. Seich Date:	2/12/2013 2/12/2013

Status: Y N U

AC-5

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

Seismic Walkdown Checklist (SWC)	Status: Y N U
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 e SWEL. The space below each of the following questions may be used to record the results of findings. Additional space is provided at the end of this checklist for documenting other com	quipment on the of judgments and ments.
Anchorage	
 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
 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 	Not Applicable
 Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? 	Yes

.

ic Walkdown Checklist (SWC)	Status: Y N
Equipment ID No.: 2B21-F013C	
Equipment Class: (7) Fluid-Operated Valves	
Equipment Description: C MS LINE SAFETY/RELIEF VLV	
ction Effects	
Are soft targets free from impact by nearby equipment or structures?	Yes
Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Yes
Do attached lines have adequate flexibility to avoid damage?	Yes
Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Ye
Adverse Conditions Have you looked for and found no adverse seismic conditions that could	Ye
adversely affect the safety functions of the equipment?	
ted by: Jorge Sanchez	2/12/2013
	ic Walkdown Checklist (SWC) Equipment ID No.: <u>2B21-F013C</u> Equipment Class: <u>(7) Fluid-Operated Valves</u> Equipment Description: C MS LINE SAFETY/RELIEF VLV tion Effects Are soft targets free from impact by nearby equipment or structures? Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Do attached lines have adequate flexibility to avoid damage? Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Adverse Conditions Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?

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 equi SWEL. The space below each of the following questions may be used to record the results of ju findings. Additional space is provided at the end of this checklist for documenting other commen	pment on the udgments and nts.
Anchorage	
 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
 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

Seism	ic Walkdown Checklist (SWC)	Status: Y N U
	Equipment ID No.: 2B21-F013C-A	
	Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	, <u>, , , , , , , , , , , , , , , , , , </u>
	Equipment Description: SRV C IMF-2 SOLENOID VALVE 'A'	
Interac	tion 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
<u>Other</u> 11.	Adverse Conditions Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Yes
Comm Seism	<u>ents</u> ic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013	
Evalua	ted by: Jorge Sanchez Date:	2/12/2013

Status: Y N U

AC-12

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 equ SWEL. The space below each of the following questions may be used to record the results of findings. Additional space is provided at the end of this checklist for documenting other comm	uipment on the judgments and ents.
Anchorage	
 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
 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

Seismic Walkdown Checklist (SWC)	Status: Y N U
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
<u>Comments</u> Seismic Walkdown Team J. Sanchez & J. Griffith - 2/12/2013	
Evaluated by: Jorge Sanchez May J. Airch Date: 2 James Griffith 2	2/12/2013 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

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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 eq SWEL. The space below each of the following questions may be used to record the results o findings. Additional space is provided at the end of this checklist for documenting other comm	uipment on the f judgments and nents.
Anchorage	
 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

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2B21-F028C	<u></u>
Equipment Class: (7) Fluid-Operated Valves	<u>, , , , , , , , , , , , , , , , , , , </u>
Equipment Description: C MS OTBD ISOL VLV	
Interaction Effects	Ma a
7. Are soft targets free from impact by hearby 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 Sciencie Welkdown Team I. Sanahaz & J. Griffith 2/12/2012	
Seismic Walkdown Team J. Sanchez & J. Grintin - 2/13/2013	
Evaluated by: Jorge Sanchez Jun 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

AC-18

Status: Y N U

AC-19

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

No

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

- 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? 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
- Is the anchorage configuration consistent with plant documentation? (Note: Not Applicable 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 Yes potentially adverse seismic conditions?

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
0 Are every and any impart distribution systems, spilling tiles and lighting, and	Vec
8. Are overnead equipment, distribution systems, ceiling ties and lighting, and masonry block walls not likely to collapse onto the equipment?	tes
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	Yes
adversely affect the safety functions of the equipment?	
Commente	
Seismic Walkdown Team J. Sanchez & J. Griffith - 2/13/2013	
Fuchanted by long Careba / And Sin	0/12/0010
Evaluated by: Jorge Sanchez Date: Date:	2/13/2013
James Griffith	2/13/2013
()	

AC-21

Status: Y N U

AC-22

Seismic Walkdown Checklist (SWC)

	Equipment ID No.:	2B21-F028C-P2			
	Equipment Class:	(8) Motor-Operated and Solenoid-	Operated Valves	3	
	Equipment Description:	VALVE, SOLENOID, O/B MSIV			
Phote	<u>08</u>				



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



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

Status: Y N U

AC-23

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

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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	
Locatio	n (Bldg, Elev, Room/Area):	
•	Manufacturer/Model:	
Instruc	tions for Completing Checklist	
This ch SWEL. findings	ecklist may be used to document the results of the Seismic Walkdown of an item of equip The space below each of the following questions may be used to record the results of ju Additional space is provided at the end of this checklist for documenting other comme	oment on the udgments and nts.
Ancho	age	
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
A	Is the anchorage free of visible gracks in the constant poor the anchora?	Not Appliable
4.		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	Not Applicable
	configuration verification is required.)	
6.	Based on the above anchorage evaluations, is the anchorage free of notentially adverse seismic conditions?	Yes

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Seismi	ic Walkdown Checklist	(SWC)	Status: Y N
	Equipment ID No.:	2B21-F067C	
	Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	
	Equipment Description:	C MS OTBD ISOL ABOVE SEAT DRN VLV	
Interac	ction Effects		
7.	Are soft targets free from	m impact by nearby equipment or structures?	Yes
8.	Are overhead equipmer masonry block walls no	nt, distribution systems, ceiling tiles and lighting, and t likely to collapse onto the equipment?	Yes
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes
10.	Based on the above sei potentially adverse seis	smic interaction evaluations, is equipment free of mic interaction effects?	Yes
<u>) Ther</u> 11.	Adverse Conditions Have you looked for an adversely affect the saf	d found no adverse seismic conditions that could ety functions of the equipment?	Yes
<u>Comm</u> Seism	<u>ents</u> ic Walkdown Team J. S	anchez & J. Griffith - 2/13/2013	
Evalua	ted by: Jorge Sand	hez Date:	2/13/2013
	James Grif	fith / Jatta	2/13/2013

Status: Y N U

AC-26

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

AC-27

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	
 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? -	
 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.) 	
 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? -	
 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	

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Seismic Walkdown Checklist	(SWC) SUPPLEMENTAL CABINET INSPECTION	Status: Y N U
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 (S 11. Have you looked for an adversely affect the sa a. Internal compo b. Are adjacent o c. No other adve Comments	EUPPLEMENTAL CABINET INSPECTION) and found no adverse seismic conditions that could fety functions of the equipment? conents secured? (i.e. no loose or missing fasteners) eabinets secured together? rse seismic conditions?	M M N U M N U
Evaluated by: Jorge San Aram Zare	chez Marting Date e Man Zow	: <u>02/21/2013</u> <u>02/21/2013</u>
<u>Photos</u>		•

Status: Y N U

AC-30

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

AC-31

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.)
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

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Equipment ID No.:	2AP21E-303B (SEE APPENDIX C PAGE C-44)	······································
Equipment Class:	(04) Transformers	······································
Equipment Description:	TRANSFORMER, 236X	· · · · · · · · · · · · · · · · · · ·
<u> Other Adverse Conditions (</u>	SUPPLEMENTAL CABINET INSPECTION)	
11. Have you looked for a	and found no adverse seismic conditions that could	
adversely affect the s	afety functions of the equipment?	
a. Internal comp h Are adiacent	cabinets secured? (1.6. no loose of missing lasteners)	YNU
c. No other adv	erse seismic conditions?	
<u>-omments</u>		
<u>comments</u>		
Evaluated by: Jorge Sa	nchez Martin Date:	02/21/2013
Evaluated by: Jorge Sa	nchez Marthat Date: re Man Zave	02/21/2013 02/21/2013

Status: Y N U

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION

Equipment ID No.:	2AP21E-303B (SEE APPE	ENDIX 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 W	Valkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	
	Equipment ID No.: 2AP78E (SEE APPENDIX C PAGE C-55)	_
	Equipment Class: (01) Motor Control Centers	
Equ	uipment Description: DIV II 480V MCC 236X-1	
	Project: LaSalle 2 SWEL	
Location (E	Bldg, Elev, Room/Area): Reactor Bldg, 820.00 ft, ALL	
	Manufacturer/Model:	
Instruction	ns for Completing Checklist	
This check	vist may be used to document the results of the Seismic Walkdown of an item of equipment on the	
SWEL. Th	ne space below each of the following questions may be used to record the results of judgments and	
findings. A	Additional space is provided at the end of this checklist for documenting other comments.	
Anchora	<u>ae</u>	
1. ls	s anchorage configuration verification required (i.e., is the item one of the 50%	
2 10	s the anchorage free of hent, broken, missing or loose hardware?	
2. 10	s the anchorage rise of benk, bloken, missing of 10030 hardware?	
3. Is	s the anchorage free of corrosion that is more than mild surface oxidation? -	
4. Is	s the anchorage free of visible cracks in the concrete near the anchors?	
5. ls	s the anchorage configuration consistent with plant documentation? (Note:	
Т	his question only applies if the item is one of the 50% for which an anchorage	
C	onfiguration verification is required.)	
6. B	Based on the above anchorage evaluations, is the anchorage free of	
p	otentially adverse seismic conditions?	
<u>s</u>	SEE SWC IN APPENDIX C FOR RESPONSES	
	·	
Interactio	on Effects	
7. A	Are soft targets free from impact by nearby equipment or structures?	
8. A	Are overhead equipment, distribution systems, ceiling tiles and lighting, and -	
n	nasonry block walls not likely to collapse onto the equipment?	
9. D	Do attached lines have adequate flexibility to avoid damage? -	
10. B	Based on the above seismic interaction evaluations, is equipment free of	

SEE SWC IN APPENDIX C FOR RESPONSES

Equipment ID No.:	2AP78E (SEE APPENDIX C PAGE C-55)	
Equipment Class:	(01) Motor Control Centers	
Equipment Description:	DIV II 480V MCC 236X-1	
her Adverse Conditions (S	UPPLEMENTAL CABINET INSPECTION)	
11. Have you looked for an	nd found no adverse seismic conditions that could	
a. Internal compo	onents secured? (i.e. no loose or missing fasteners)	MNU
b. Are adjacent c	abinets secured together?	<u>พ</u> ีง บ
c. No other adve	rse seismic conditions?	<u>М</u> и и
mments		
<u> </u>	N	
	12-	
aluated by: Jorge San	chez //// Date:	02/21/2013
Aram Zar	. Man Zont	02/21/2013
Alali Zal		
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

AC-37

Status: Y N U

AC-38

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION

	Equipment ID No.:	2AP78E (SEE APPENDIX C PAGE	C-55)	
	Equipment Class:	(01) Motor Control Centers		
Eq	uipment Description:	DIV II 480V MCC 236X-1		in apain in Maria



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



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Seismic	Status: Y N Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	U
	Equipment ID No.: 2AP81E (SEE APPENDIX C PAGE C-59)	
	Equipment Class: (01) Motor Control Centers	
i	Equipment Description: DIV II 480V MCC 236X-3	
	Project: LaSalle 2 SWEL	
Locatior	n (Bldg, Elev, Room/Area): Auxiliary Bldg, 731.00 ft, ALL	
	Manufacturer/Model:	_
Instruct	tions for Completing Checklist	
This che SWEL. findings	ecklist may be used to document the results of the Seismic Walkdown of an item of equipment on the The space below each of the following questions may be used to record the results of judgments and . Additional space is provided at the end of this checklist for documenting other comments.	
Ancho	<u>prage</u>	
1.	Is anchorage configuration verification required (i.e., is the item one of the 50%	-
2.	of SWEL items requiring such verification)? Is the anchorage free of bent, broken, missing or loose bardware?	
2	Is the anchorage free of correction that is more than mild surface evidation?	
5.		-
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	
6.	Based on the above anchorage evaluations, is the anchorage free of	-
	potentially adverse seismic conditions?	
	SEE SWC IN APPENDIX C FOR RESPONSES	
Interac	ction Effects	
7.	Are soft targets free from impact by nearby equipment or structures?	-
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and	-
9	masonry block walls not likely to collapse onto the equipment? Do attached lines have adequate flexibility to avoid damage?	-
	Decidion the choice estimate interesting and letters is an investigation of	
10.	based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	-

SEE SWC IN APPENDIX C FOR RESPONSES

Equipment ID No.:	2AP81E (SEE APPENDIX C PAGE C-59)	
Equipment Class:	(01) Motor Control Centers	······
Equipment Description:	DIV II 480V MCC 236X-3	
ther Adverse Conditions (S	UPDI EMENTAL CARINET INSPECTION)	
11. Have you looked for a	nd found no adverse seismic conditions that could	
adversely affect the sa	fety functions of the equipment?	
a. Internal compo	onents secured? (i.e. no loose or missing fasteners)	<u>М</u> и и
b. Are adjacent c	abinets secured together?	M N U
c. No other adve	rse seismic conditions?	Мип
omments		
<u>omments</u>	Dr. & D. G	
/aluated by: Jorge San	chez Charles Date:	02/21/2013

Status: Y N U

AC-41

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



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

- 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?
- 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

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	Status: Y N U
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)	MNU
b. Are adjacent cabinets secured together?	Μ̈́νυ
c. No other adverse seismic conditions?	<u>พ</u> ี N U
Comments	<u>,</u>
Evaluated by: Jorge Sanchez May J. Jorge Date: Aram Zare May Zev	02/15/2013 02/15/2013
Photos	

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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 SwitchesEquipment Description:DIV I 250 VDC DISTRIBUTION BUS 2



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



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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



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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 SwitchesEquipment 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

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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 guestion 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

Seismic Welkdown Checklist (SWC) SLIDDI FMENTAL CARINET INSPECTION	Status: Y N U
Equipment Olegan (10) Datters Observers and Investors	<u></u>
Equipment Class: (16) Battery Chargers and inverters	
Equipment Description: 250 VDC BATTERY CHARGER	
Other Adverse Conditions (SUPPLEMENTAL CABINET INSPECTION)	
adversely affect the safety functions of the equipment?	
a. Internal components secured? (i.e. no loose or missing fasteners)	MNU
b. Are adjacent cabinets secured together?	YNU
c. No other adverse seismic conditions?	MNU
Evaluated by: Jorge Sanchez	: <u>02/14/2013</u>
Aram Zare Ann Zor	02/14/2013
Photos	

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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

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

Seism	ic Walkdown Checklist	(SWC) SUPPLEMENTAL CABINET INSPECTION	Status: Y N	U
	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

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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

Equ	ipment ID No.: 2	2DC05E (SEE APPENDIX C PAGE C-13	0)	
Eq	uipment Class: ((01) Motor Control Centers		
Equipme	nt Description:	250VDC MCC 221X		
other Adverse	Conditions (SU	PPLEMENTAL CABINET INSPECTION	2	
11. Have y advers <i>a.</i> <i>b.</i> <i>c</i> .	ou looked for and ely affect the safe Internal compon Are adjacent cal No other advers	found no adverse seismic conditions that ty functions of the equipment? ents secured? (i.e. no loose or missing fa binets secured together? e seismic conditions?	at could Asteners)	М и и У и U М и и
omments				
		Dueno La Davi	,	
valuated by:	Jorge Sanch	nez Angel 2003	Date:	02/21/2013
valuated by:	Jorge Sanch Aram Zare	nez Ange 3 203 Man Zow	Date:	02/21/2013 02/21/2013
valuated by: hotos	Jorge Sanch Aram Zare	Hez Anex 3 2003 Man Zow	Date:	02/21/2013 02/21/2013
valuated by: hotos	Jorge Sanch Aram Zare	nez Anex 3 2003 Man Zow	Date:	02/21/2013 02/21/2013

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

AC-55

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

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?
- 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

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?

а.	Internal components secured? (i.e. no loose or missing fasteners)	MNU
b.	Are adjacent cabinets secured together?	Mиu
С.	No other adverse seismic conditions?	Мич

Comments

Evaluated by:	Jorge Sanchez	Aug Dais	Date:	02/21/2013
	Aram Zare	An In		02/21/2013
<u>Photos</u>				

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-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



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



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

- 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?
- 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

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 y	ou looked for and found no adverse seismic conditions that could
	advers	ely affect the safety functions of the equipment?
	а.	Internal components secured? (i.e. no loose or missing fasteners)
	h	Are adjacent achieves accured together?

 a. Internal components secured? (i.e. no loose or missing fasteners)

 Y N U
 D. Are adjacent cabinets secured together?
 Y N U
 C. No other adverse seismic conditions?
 Y N U
 Y
 N U
 Y
 N
 U

Comments

Evaluated by:	Jorge Sanchez	Aroy J. Lang	Date:	02/21/2013
	Aram Zare	Man Zare		02/21/2013
Photos				

Status: Y N U

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

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

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

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	Status: YNU
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) b. Are adjacent cabinets secured together? c. No other adverse seismic conditions? Comments	Μ Ν U Υ Ν U Μ Ν U
Evaluated by: Jorge Sanchez Way Date: Aram Zare Man Zaw	02/21/2013 02/21/2013
Photos	

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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



Status: Y N U

AC-70

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION

Equipment ID No .:	2DC16E (SEE APPENDIX C PAGE C-152)	ntin m
Equipment Class:	(16) Battery Chargers & Inverters	
Equipment Description:	DIV II 125VDC BATTERY CHARGER 2BB	



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	
 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	
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	H
Status.		11	0

Seismic Walkdown Checklist	(SWC) SUPPLEMENTAL CABINET INSPECTION	Land Land
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 (11. Have you looked for a adversely affect the s <i>a. Internal comp</i> <i>b. Are adjacent</i> <i>c. No other adv</i>	SUPPLEMENTAL CABINET INSPECTION) and found no adverse seismic conditions that could afety functions of the equipment? ponents secured? (i.e. no loose or missing fasteners) cabinets secured together? erse seismic conditions?	M N U Y N U M N U
<u>Comments</u>		

Evaluated by:	Jorge Sanchez	Angel Dag	Date:	02/22/2013
	Aram Zare	An Iar		02/22/2013
Photos				
LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 3

Status: Y N U

AC-73

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 V	Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	
	Equipment ID No.: 2PL34J (SEE APPENDIX C PAGE C-412)	
	Equipment Class: (20) Instrument and Control Panels	
Eq	uipment Description: ASSY - PANEL, RHR A CUBE VENT	
	Project: LaSalle 2 SWEL	
Location (Bldg, Elev, Room/Area):Reactor Bldg, 694.00 ft, ALL	_
	Manufacturer/Model:	
Instructio	ons for Completing Checklist	-
This check	klist may be used to document the results of the Seismic Walkdown of an item of equipment on the	
SWEL. T	he 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.	
Anchora	age	
1. 1	Is anchorage configuration verification required (i.e., is the item one of the 50%	-
	of SWEL items requiring such verification)?	
2. 1	is the anchorage free of bent, broken, missing or loose hardware?	-
3. I	s the anchorage free of corrosion that is more than mild surface oxidation?	-
4. 1	s the anchorage free of visible cracks in the concrete near the anchors?	-
5. I	s the anchorage configuration consistent with plant documentation? (Note:	-
٦	This question only applies if the item is one of the 50% for which an anchorage	
c	configuration verification is required.)	
6. E	Based on the above anchorage evaluations, is the anchorage free of	-
p	potentially adverse seismic conditions?	
5	SEE SWC IN APPENDIX C FOR RESPONSES	
		<u>.</u>
Interacti	on Effects	
7. <i>I</i>	Are soft targets free from impact by nearby equipment or structures?	-
8. <i>A</i>	Are overhead equipment, distribution systems, ceiling tiles and lighting, and	-
n	masonry block walls not likely to collapse onto the equipment?	
9. C	Do attached lines have adequate flexibility to avoid damage?	-
10. E	Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	-

SEE SWC IN APPENDIX C FOR RESPONSES

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION	Status: Y N U
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 (S	UPPLEMENTAL CABINET INSPECTION)	
11. Have you looked for ar adversely affect the sa	ed found no adverse seismic conditions that could fety functions of the equipment?	
a. Internal compo	nents secured? (i.e. no loose or missing fasteners)	MNU

- b. Are adjacent cabinets secured together?
- <u>М</u> N U Y N U <u>М</u> N U c. No other adverse seismic conditions?

Comments

Evaluated by:	Jorge Sanchez	Date: 2/15/2013
	Aram Zare Man Lan	2/15/2013
Photos		

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 3

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 guestion 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

Seismic Walkdown Checklist (Status: Y N U	
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 y	bu looked for and found no adverse seismic conditions that could	
	adverse	ely affect the safety functions of the equipment?	
	a.	Internal components secured? (i.e. no loose or missing fasteners)	MNU
	b.	Are adjacent cabinets secured together?	Y N Ū
	С.	No other adverse seismic conditions?	Mี N บ
	С.	No other adverse seismic conditions?	MNU

<u>Comments</u>

Evaluated by:	Jorge Sanchez	Date:	02/14/2013
	Aram Zare An Zar		02/14/2013
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LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC) SUPPLEMENTAL CABINET INSPECTION

Equipment ID No.:	2PL35J (SEE APPENDIX C PAGE C-416)	1
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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 4 of 5

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	Status:	Y	N
			10 C

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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 5 of 5

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	an a



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

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.

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

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

Status:	Y	N	U
	_		

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Area Walk-By Checklist (AWC)

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Lo	cation (Bldg, Elev, Room/Area): Area Walk-by 5-1	
Instruc	ctions for Completing Checklist	The
space	below each of the following questions may be used to record the results of judgments and findings.	- The
Additio	nal space is provided at the end of this checklist for documenting other comments.	<u>. </u>
1.	Does anchorage of equipment in the area appear to be free of potentially	Yes
	adverse seismic conditions (if visible without necessarily opening cabinets)?	
2.	Does anchorage of equipment in the area appear to be free of significant	Yes
	degraded conditions?	
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and	Yes
	HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable travs appears to	
	be inside acceptable limits)?	
4.	Does it appear that the area is free of potentially adverse seismic spatial	Yes
	interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	
5.	Does it appear that the area is free of potentially adverse seismic interactions	Yes
	that could cause flooding or spray in the area?	
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	Yes
	temporary installations(e.g., scaffolding, lead shielding)?	

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			LaSalle Cour Corre	nty Generating Station Unit 2 espondence No.: RS-13-097 Sheet 2 of 4
Area Walk-By Cl	hecklist (AWC) Ia. Elev. Room/Area)): Area Walk-by 5-1		Status: Y N U
8. Have you adversely	I looked for and foun affect the safety fur	d no other seismic conditions in the equipment in the	that could area?	Yes
<u>Comments</u> Seismic Walkdo	wn Team J. Sanche	ez & J. Griffith - 2/12/2013		
Evaluated by:	Jorge Sanchez James Griffith	1 Au Day	Date:	2/12/2013 2/12/2013

Photos



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



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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 4

Status: Y N U

AD-4

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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 4 of 4

Status: Y N U

AD-5

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)

Lo	cation (Bldg, Elev, Room/Area): Area Walk-by 5-2	
Instruc	tions for Completing Checklist	
This ch	ecklist may be used to document the results of the Area Walk-By near one or more SWEL items. The palow each of the following questions may be used to record the results of judgments and findings	he
Additio	hal 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	Yes
	degraded conditions?	
3.	Based on a visual inspection from the floor, do the cable/conduit raceways and	Yes
	condition of supports is adequate and fill conditions of cable trays appears to	
	be inside acceptable limits)?	
4.	Does it appear that the area is free of potentially adverse seismic spatial	Yes
	interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	
5.	Does it appear that the area is free of potentially adverse seismic interactions	Yes
	that could cause flooding or spray in the area?	
6.	Does it appear that the area is free of potentially adverse seismic interactions	Yes
	that could cause a fire in the area?	
~		Vac
1.	associated with housekeeping practices, storage of portable equipment, and	162
	temporary installations(e.g., scaffolding, lead shielding)?	

		Corr	espondence No.: RS-13-097 Sheet 2 of
rea Walk-By C	hecklist (AWC)		Status: Y N
Location (Blo	dg. Elev. Room/Area): Area Walk-by 5-2		
8. Have you adversel	u looked for and found no other seismic conditions that could y affect the safety functions of the equipment in the area?		Yes
omments			and the second s
eismic Walkdo	own Team J. Sanchez & J. Griffith - 2/12/2013		
valuated by:	Jorge Sanchez	Date:	2/12/2013
	James Griffith		2/12/2013
hotos			
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	14 × 1 × 1		

AD-7

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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 3

Status: Y N U

AD-8

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)

Lo	ocation (Bldg, Elev, Room/Area): Area Walk-by 5-3	
Instru	ctions for Completing Checklist	
This cl space Additic	hecklist may be used to document the results of the Area Walk-By near one or more SWEL items. below each of the following questions may be used to record the results of judgments and finding onal space is provided at the end of this checklist for documenting other comments.	The s.
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

	LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 2 of 4
Area Walk-By Checklist (AWC)	Status: Y N U
 Buy, 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
<u>Comments</u> 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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 3 of 4

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_1618



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

LaSalle County Generating Station Unit 2 Correspondence No.: RS-13-097 Sheet 4 of 4

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.

COMPONENT ID	DESCRIPTION	EQUIPMENT CLASS	ACCES SIBLE (Y/N)	IF NOT ACCESS IBLE, 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	TRANSFORM ER, 235X	(04) Transformers	YES	N/A	L2R15 Refueling Outage	IR 01425162 W/O 414283

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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 <u>for</u> <u>Near Term Task Force (NTTF) Recommendation 2.3</u> <u>Seismic Walkdown Inspection</u> <u>of</u> <u>LaSalle County Generating Station</u>

<u>Unit 2</u>

Annex A

May 10, 2013

Prepared by Peer Reviewers

Gregory Engels (Team Leader) Jeffrey Snyder

5/10/13 Gregory Engels / 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:

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 A3-1: Follow-on Seismic Walkdown Checklists

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

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.